



**शहीद महेन्द्र कर्मा विश्वविद्यालय, बस्तर**  
धरमपुरा-2, जगदलपुर, जिला-बस्तर, छत्तीसगढ़, भारत पिनकोड 494001

**New Syllabus of**  
**B.A. Part-I**  
**w.e.f. Session 2023-24**  
**Annual Examination Pattern**

**Shaheed Mahendra Karma Vishwavidyalaya, Bastar**  
Dharampura-2, Jagdalpur, Distt.-Bastar, Chhattisgarh, India, Pincode 494001

शहीद महेन्द्र कर्मा विश्वविद्यालय, बस्तर, जगदलपुर (छत्तीसगढ़)

छ.ग. शासन, उच्च शिक्षा विभाग से प्राप्त केन्द्रीय अध्ययन मंडल द्वारा तैयार किये गये स्नातक स्तर के त्रिवर्षीय (वार्षिक पद्यति) पाठ्यक्रम का नवीन सिलेबस सत्र 2023-24 से स्नातक भाग-एक/प्रथम वर्ष में लागू

बी.ए. भाग-एक/प्रथम वर्ष

क्र.	विषय का नाम-हिन्दी में	विषय का नाम-अंग्रेजी में
1	पर्यावरण अध्ययन एवं मानवाधिकार	Environmental Studies and Human Rights
2	आधार पाठ्यक्रम-हिन्दी भाषा	Foundation Course - Hindi Language
3	आधार पाठ्यक्रम-अंग्रेजी भाषा	Foundation Course - English Language
4	हिन्दी साहित्य	Hindi Literature
5	अंग्रेजी साहित्य	English Literature
6	संस्कृत साहित्य	Sanskrit Literature
7	इतिहास	History
8	भूगोल	Geography
9	समाजशास्त्र	Sociology
10	अर्थशास्त्र	Economics
11	राजनीति विज्ञान	Political Science
12	मानवविज्ञान	Anthropology
13	गृह विज्ञान	Home Science
14	मनोविज्ञान	Psychology
15	प्राचीन भारतीय इतिहास संस्कृति एवं पुरातत्त्व	Ancient Indian History, Culture & Archaeology
16	रक्षा अध्ययन	Defence Studies



- 7 Any candidate who has passed the B.A. examination of the University shall be allowed to present himself for examination in any of additional subject prescribed for the B.A. examination and not taken by him at the degree examination. Such candidate will have to first appear and pass the B.A. Part I examination in the subject which he proposes to offer and then the B.A. Part II and Part III examination in the same subject. Successful candidate will be given a certificate to that effect.
- 8 In order to pass any part of the three year degree course examination, an examinee must obtain not less than 33% of the total marks in each subject/group of subjects. In subject /group of subjects, where both theory and practical examination are provided, an examinee must pass in both the theory and practical part so the examination separately.
- 9 Candidate will have to pass separately at the Part-I, Part II and part-III examination. No division shall be assigned on the result of the Part-I and Part-II examination. In determining the division of the Final examination, total marks obtained by the examinees, in their Part-I, Part-II and Part-III examination in the aggregate shall be taken into account. Candidate will not be allowed to change subjects after passing Part I Examination.  
Provided in case of candidate who has passed the examination through the supplementary examination having failed in one subject only the total aggregate marks being carried over for determining the division shall include the actual mark so obtained in the subject in which he appeared at the supplementary examination.
- 10 Successful examinee at the Part-III examination obtaining 60% or more marks shall be placed in the First division, those obtain less than 60% but not less than 45% marks in the Second division and other successful examinees in the third division.



## SCHEME OF EXAMINATION

Subject	Paper	Max. Marks	Min. Marks
i) Environmental Studies		75	33
	Fild Work	25	
A. Foundation Course			
i) Hindi Language - I		75	26
ii) English Language - II		75	26
B. Three Core Subject :			
1. Hindi Literature	I	75	50
	II	75	
2. Sanskrit Literature	I	75	50
	II	75	
3. English Literature	I	75	50
	II	75	
4. Philosophy	I	75	50
	II	75	
5. Economics	I	75	50
	II	75	
6. Political Science	I	75	50
	II	75	
7. History	I	75	50
	II	75	
8. Ancient Indian History	I	75	50
	II	75	
9. Sociology	I	75	50
	II	75	
10. Geography	I	50	33
	II	50	
11. Mathematics	Practical	50	17
	I	50	
	II	50	50
	III	50	
12. Statistics	I	50	33
	II	50	
	Practical	50	17

	<b>Subject</b>	<b>Paper</b>	<b>Max. Marks</b>	<b>Min. Marks</b>
13.	Anthropology	I	50	33
		II	50	
		Practical	50	
14.	Linguistics	I	75	50
		II	75	
15.	Music	I	50	33
		II	50	
		Practical	50	
16.	Home Science	I	50	33
		II	50	
		Practical	50	
17.	Education	I	75	50
		II	75	
18.	Psychology	I	50	33
		II	50	
		Practical	50	
19.	Management	I	75	50
		II	75	
20.	Defence Studies	I	50	33
		II	50	
		Practical	50	
21.	Urdu	I	75	50
		II	75	
22.	Dance	I	50	33
		II	50	
		Practical	50	

### **USE OF CALCULATORS**

The Students of Degree/P.G. Classes will be permitted to use of Calculators in the examination hall from annual 1986 examination on the following conditions as per decision of the standing committee of the Academic Council at its meeting held on 31-1-1986-

1. Student will bring their own Calculators.
2. Calculators will not be provided either by the university or examination centres.
3. Calculators with, memory and following variables be permitted +, -, x, , square, reciprocal, expotentials log, square root, trigonometric functions, wize, sine, cosine, tangent etc. factorial summation, xy, yx and in the light of objective approval of merits and demerits of the viva only will be allowed.

## Part - I

### SYLLABUS FORENVIRONMENTAL STUDIES AND HUMAN RIGHTS

(Papercode-0828)

MM. 75

इन्वारमेंटल साईसे के पाठ्यक्रम को स्नातक स्तर भाग-एक की कक्षाओं में विश्वविद्यालय अनुदान आयोग के निर्देशानुसार अनिवार्य रूप से शिक्षा सत्र 2003-2004 (परीक्षा 2004) से प्रभावशील किया गया है। स्वशासी महाविद्यालयों द्वारा भी अनिवार्य रूप से अंगीकृत किया जाएगा।

भाग 1, 2 एवं 3 में से किसी भी वर्ष में पर्यावरण प्रश्न-पत्र उत्तीर्ण करना अनिवार्य है। तभी उपाधि प्रदाय योग्य होगी।

पाठ्यक्रम 100 अंकों का होगा, जिसमें से 75 अंक सैद्धांतिक प्रश्नों पर होंगे एवं 25 अंकक्षेत्रीय कार्य (Field Work) पर्यावरण पर होंगे।

**सैद्धांतिक प्रश्नों पर अंक - 75** (सभी प्रश्न इकाई आधार पर रहेंगे जिसमें विकल्प रहेगा)

- |                      |   |        |
|----------------------|---|--------|
| (अ) लघु प्रश्नोंत्तर | - | 25 अंक |
| (ब) निबंधात्मक       | - | 50 अंक |

**Field Work-** 25 अंकों का मूल्यांकन आंतरिक मूल्यांकन पद्धति से कर विश्वविद्यालय को प्रेषित किया जावेगा। अभिलेखों की प्रायोगिक उत्तर पुस्तिकाओं के समान संबंधित महाविद्यालयों द्वारा सुरक्षित रखेंगे।

उपरोक्त पाठ्यक्रम से संबंधित परीक्षा का आयोजन वार्षिक परीक्षा के साथ किया जाएगा।

पर्यावरण विज्ञान विषय अनिवार्य विषय है, जिसमें अनुत्तीर्ण होने पर स्नातक स्तर भाग-एक के छात्र/छात्राओं को एक अन्य विषय के साथ पूरक की पात्रता होगी। पर्यावरण विज्ञान के

सैद्धांतिक एवं फील्ड वर्क के संयुक्त रूप से 33: (तीस प्रतिशत) अंक उत्तीर्ण होने के लिए अनिवार्य होंगे।

स्नातक स्तर भाग-एक के समस्त नियमित/भूतपूर्व/अमहाविद्यालयीन छात्र/छात्राओं को अपना फील्ड वर्क सैद्धांतिक परीक्षा की समाप्ति के पश्चात् 10 (दस) दिनों के भीतर संबंधित महाविद्यालय/परीक्षा केन्द्र में जमा करेंगे एवं महाविद्यालय के प्राचार्य/केन्द्र अधीक्षक, परीक्षकों की नियुक्ति के लिए अधिकृत रहेंगे तथा फील्ड वर्क जमा होने के सात दिनों के भीतर प्राप्त अंक विश्वविद्यालय को भेजेंगे।

## UNIT-I THE MULTI DISCIPLINARY NATURE OF ENVIRONMENTAL STUDIES

### Definition, Scope and

### Importance Natural Resources:

### Renewable and Nonrenewable Resources

- (a) Forest resources: Use and over-exploitation, deforestation, Timber extraction, mining, dams and their effects on forests and tribal people and relevant forest Act.
- (b) Water resources: Use and over-utilization of surface and ground water, floods drought, conflicts over water, dam's benefits and problems and relevant Act.
- (c) Mineral resources: Use and exploitation, environmental effects of extracting and using mineral resources.
- (d) food resources: World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity.
- (e) Energy resources: Growing energy needs, renewable and non-renewable energy sources, use of alternate energy sources.
- (f) Land resources: Land as a resource, land degradation, man induced landslides soil erosion and desertification.

(12 Lecture)

## UNIT-II ECOSYSTEM

### (a) Concept, Structure and Function of an ecosystem

- Producers, consumers and decomposers.
- Energy flow in the ecosystem
- Ecological succession
- Food chains, food webs and ecological pyramids.
- Introduction, Types, Characteristics Features, Structure and Function of Forest, Grass, Desert and Aquatic Ecosystem.

### (b) Biodiversity and its Conservation

- Introduction - Definition: genetic, species and ecosystem diversity
- Bio-geographical classification of India.
- Value of biodiversity: Consumptive use, productive use, social ethics, aesthetic and option values.
- Biodiversity at global, National and local levels.
- India as mega-diversity nation.
- Hot spots of biodiversity.
- Threats to biodiversity: habitat loss, poaching of wildlife, man-wild life conflict.
- Endangered and endemic species of India.
- Conservation of biodiversity: In situ and Ex-situ conservation of biodiversity.

(12Lecture)

### UNIT- III

**(a) Causes, effect and control measures of**

- Air water, soil, marine, noise, nuclear pollution and Human population.
- Solid waste management: Causes, effects and control measures of urban and industrial wastes.
- Role of an individual in prevention of pollution.
- Disaster Management: floods, earthquake, cyclone and landslides.

(12Lecture)

**(b) Environmental Management**

- From Unsustainable to sustainable development.
- Urban problems related to energy.
- Water conservation, rain water harvesting, watershed management.
- Resettlement and rehabilitation of people, its problems and concerns.
- Environmental ethics: Issues and possible solutions.
- Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust.
- Wasteland reclamation
- Environment protection Act: Issues involved in enforcement of environmental legislation.
- Role of Information Technology in Environment and Human Health.

## UNIT- IV

General background and historical perspective- Historical development and concept of Human Rights, Meaning and definition of Human Rights, Kind and Classification of Human Rights. Protection of Human Rights under the UNO Charter, protection of Human Rights under the Universal Declaration of Human Rights, 1948.

Convention on the Elimination of all forms of Discrimination against women.

Convention on the Rights of the Child, 1989.

## UNIT-V

Impact of Human Rights norms in India, Human Rights under the Constitution of India, Fundamental Rights under the Constitution of India, Directive Principles of State policy under the Constitution of India, Enforcement of Human Rights in India.

Protection of Human Rights under the Human Rights Act, 1993- National Human Rights Commission, State Human Rights Commission and Human Rights court in India. Fundamental Duties under the Constitution of India.

## Reference/ Books Recommended

1. SK Kapoor- Human rights under International Law and Indian Law.
2. HO Agrawal- International Law and Human Rights
3. एस.के. कपूर –मानव अधिकार
4. जे.एन. पान्डेय – भारत का संविधान
5. एम.डी. चतुर्वेदी – भारत का संविधान
6. J.N.Pandey - Constitutional Law of India
7. Agarwal K.C. 2001 Environmental Biology, Nidi pub. Ltd. Bikaner
8. Bharucha Erach, the Biodiversity of India, Mapin pub. Ltd. Ahmedabad 380013, India, Email:mapin@icenet.net(R)
9. Bruinner R.C. 1989, Hazardous Waste Incineration. McGraw Hill Inc. 480p
10. Clark R.S. Marine pollution, Clarendon press Oxford (TB)
11. Cuningham, W.P. Cooper. T.H. Gorhani, E & Hepworth. M.T, 200
12. Dr. A.K.- Environmental Chemistry. Wiley Eastern Ltd.
13. Down to Earth, Center for Science and Environment (R)
14. Gloick, H.P. 1993 Water in crisis. Pacific Institute for Studies in Development, Environment & Security. Stockholm Eng. Institute. Oxford University, Press. m473p.
15. Hawkins R.E. Encyclopedia of Indian Natural History, Bombay Natural History Society, Mumbai (R)
16. Heywood, V.H. & Watson, T.T. 1995 Global Biodiversity Assessment, Cambridge Univ. Press 1140p
17. Jadhav H. & Bhosale, V.H. 1995 Environmental Protection and Law. Himalaya Pub. House, Delhi 284p
18. McKinney M.L. & School R.M. 1996, Environmental Science systems & solutions, web enhanced edition, 639p
19. Mhadkar A.K. Matter Hazardous, Techno-Science publication (TB)
20. Miller T.G. Jr. Environment Science, Wadsworth publication co. (TB)
21. Odum E.P. 1971, Fundamentals of Ecology, W.B. Saunders Co. USA, 574p
22. Rao M.N. & Datta, A.K. 1987, Waste water treatment. Oxford & IBH pub. co. Pvt. Ltd 345p
23. Sharma B.K. 2001, Environmental chemistry, Goel pub. House, Meerut
24. Survey of the Environment, The Hindu (M)
25. Townsend C. Harper J. And Michael Begon, Essentials of Ecology, Blackwell Science (TB)
26. Trivedi R.K. Handbook of Environment Laws, Rules, Guidelines, Compliances and Standards, Vol I and II, Environment Media (R)
27. Trivedi R.K. and P.K. Goel, Introduction to air pollution, Techno-Science publication (TB)
28. Wanger K.D. 1998, Environmental Management. W.B. Saunders Co. Philadelphia, USA 499p

**Part - I**  
**SYLLABUS FOR ENVIRONMENTAL STUDIES AND HUMAN RIGHTS**  
**(Paper code-0828)**

MM. 75

इन्वारमेंटल साईंसेस के पाठ्यक्रम को स्नातक स्तर भाग—एक की कक्षाओं में विश्वविद्यालय अनुदान आयोग के निर्देशानुसार अनिवार्य रूप से शिक्षा सत्र 2003—2004 (परीक्षा 2004) से प्रभावशील किया गया है। स्वशासी महाविद्यालयों द्वारा भी अनिवार्य रूप से अंगीकृत किया जाएगा।

भाग 1, 2 एवं 3 में से किसी भी वर्ष में पर्यावरण प्रश्न—पत्र उत्तीर्ण करना अनिवार्य है। तभी उपाधि प्रदाय योग्य होगी।

पाठ्यक्रम 100 अंकों का होगा, जिसमें से 75 अंक सैद्धांतिक प्रश्नों पर होंगे एवं 25 अंक क्षेत्रीय कार्य (Field Work) पर्यावरण पर होंगे।

सैद्धांतिक प्रश्नों पर अंक — 75 (सभी प्रश्न इकाई आधार पर रहेंगे जिसमें विकल्प रहेगा)

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|----------------------|---|--------|
| (अ) लघु प्रश्नोंत्तर | — | 25 अंक |
| (ब) निबंधात्मक       | — | 50 अंक |

Field Work — 25 अंकों का मूल्यांकन आंतरिक मूल्यांकन पद्धति से कर विश्वविद्यालय को प्रेषित किया जावेगा। अभिलेखों की प्रायोगिक उत्तर पुस्तिकाओं के समान संबंधित महाविद्यालयों द्वारा सुरक्षित रखेंगे।

उपरोक्त पाठ्यक्रम से संबंधित परीक्षा का आयोजन वार्षिक परीक्षा के साथ किया जाएगा।

पर्यावरण विज्ञान विषय अनिवार्य विषय है, जिसमें अनुत्तीर्ण होने पर स्नातक स्तर भाग—एक के छात्र/छात्राओं को एक अन्य विषय के साथ पूरक की पात्रता होगी। पर्यावरण विज्ञान के सैद्धांतिक एवं फील्ड वर्क के संयुक्त रूप से 33: (तीस प्रतिशत) अंक उत्तीर्ण होने के लिए अनिवार्य होंगे।

स्नातक स्तर भाग—एक के समस्त नियमित/भूतपूर्व/अमहाविद्यालयीन छात्र/छात्राओं को अपना फील्ड वर्क सैद्धांतिक परीक्षा की समाप्ति के पश्चात् 10 (दस) दिनों के भीतर संबंधित महाविद्यालय/परीक्षा केन्द्र में जमा करेंगे एवं महाविद्यालय के प्राचार्य/केन्द्र अधीक्षक, परीक्षकों की नियुक्ति के लिए अधिकृत रहेंगे तथा फील्ड वर्क जमा होने के सात दिनों के भीतर प्राप्त अंक विश्वविद्यालय को भेजेंगे।

## **UNIT-I THE MULTI DISCIPLINARY NATURE OF ENVIRONMENTAL STUDIES**

### **Definition, Scope and**

### **Importance Natural Resources:**

#### **Renewable and Nonrenewable Resources**

- (a) Forest resources: Use and over-exploitation, deforestation, Timber extraction, mining, dams and their effects on forests and tribal people and relevant forest Act.
- (b) Water resources: Use and over-utilization of surface and ground water, floods drought, conflicts over water, dam' s benefits and problems and relevant Act.
- (c) Mineral resources: Use and exploitation, environmental effects of extracting and using mineral resources.
- (d) Food resources: World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity.
- (e) Energy resources: Growing energy needs, renewable and non-renewable energy sources, use of alternate energy sources.
- (f) Land resources: Land as a resource, land degradation, man induced landslides soil erosion and desertification.

**(12 Lecture)**

## **UNIT-II ECOSYSTEM**

### **(a) Concept, Structure and Function of and ecosystem**

- Producers, consumers and decomposers.
- Energy flow in the ecosystem
- Ecological succession
- Food chains, food webs and ecological pyramids.
- Introduction, Types, Characteristics Features, Structure and Function of Forest, Grass, Desert and Aquatic Ecosystem.

### **(b) Biodiversity and its Conservation**

- Introduction - Definition: genetic. species and ecosystem diversity
- Bio-geographical classification of India.
- Value of biodiversity: Consumptive use. Productive use, social ethics, aesthetic and option values.
- Biodiversity at global, National and local levels.
- India as mega-diversity nation.



- Hot spots of biodiversity.
- Threats to biodiversity: habitat loss, poaching of wildlife, man-wild life conflict.
- Endangered and endemic species of India.
- Conservation of biodiversity: In situ and Ex-situ conservation of biodiversity.

**(12 Lecture)**

### **UNIT- III**

#### **(a) Causes, effect and control measures of**

- Air water, soil, marine, noise, nuclear pollution and Human population.
- Solid waste management: Causes, effects and control measures of urban and industrial wastes.
- Role of an individual in prevention of pollution.
- Disaster Management: floods, earthquake, cyclone and landslides.

**(12 Lecture)**

#### **(b) Environmental Management**

- From Unsustainable to sustainable development.
- Urban problems related to energy.
- Water conservation, rain water harvesting, watershed management.
- Resettlement and rehabilitation of people, its problems and concerns.
- Environmental ethics: Issues and possible solutions.
- Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust.
- Wasteland reclamation
- Environment protection Act: Issues involved in enforcement of environmental legislation.
- Role of Information Technology in Environment and Human Health.

## UNIT- IV

General background and historical perspective- Historical development and concept of Human Rights, Meaning and definition of Human Rights, Kind and Classification of Human Rights. Protection of Human Rights under the UNO Charter, protection of Human Rights under the Universal Declaration of Human Rights, 1948. Convention on the Elimination of all forms of Discrimination against women. Convention on the Rights of the Child, 1989.

## UNIT- V

Impact of Human Rights norms in India, Human Rights under the Constitution of India, Fundamental Rights under the Constitution of India, Directive Principles of State policy under the Constitution of India, Enforcement of Human Rights in India. Protection of Human Rights under the Human Rights Act, 1993- National Human Rights Commission, State Human Rights Commission and Human Rights court in India. Fundamental Duties under the Constitution of India.

### Reference/ Books Recommended

1. SK Kapoor- Human rights under International Law and Indian Law.
2. HO Agrawal- Internation Law and Human Rights
3. एस.के. कपूर – मानव अधिकार
4. जे.एन. पान्डेय – भारत का संविधान
5. एम.डी. चतुर्वेदी –भारत का संविधान
6. J.N.Pandey - Constitutional Law of India
7. Agarwal K.C. 2001 Environmental Biology, Nidi pub. Ltd. Bikaner
8. Bharucha Erach, the Biodiversity of India, Mapin pub. Ltd. Ahmedabad 380013, India, Email: mapin@icenet.net(R)
9. Bruinner R.C. 1989, Hazardous Waste Incineration. McGraw Hill Inc.480p
10. Clark R.S. Marine pollution, Clanderson press Oxford (TB)
11. Cuningham, W.P.Cooper. T.H.Gorhani, E & Hepworth. M.T,200
12. Dr. A.K.- Environmental Chemistry. Wiley Eastern Ltd.
13. Down to Earth, Center for Science and Environment (R)
14. Gloick, H.P. 1993 Water in crisis. pacific institute for studies in Deve. Environment & Security. Stockholm Eng. Institute. Oxford University, Press. m 473p.
15. Hawkins R.E. Encyclopedia of Indian Natural History, Bombay Natural History Society, Mumbai (R)

16. Heywood, V.H. & Watson, T.T.1995 Global Biodiversity Assessment, Cambridge Univ. Press 1140p
17. Jadhav H. & Bhosale, V.H. 1995 Environmental Protection and Law. Himalaya pub. House, Delhi 284p
18. Mckinney M.L.& School R.M.1996, environmental Science systems & solutions, web enhanced edition, 639p
19. Mhadkar A.K. Matter Hazardous, Techno-Science publication(TB)
20. Miller T.G.Jr. Environment Science, Wadsworth publication co. (TB)
21. Odum E.P.1971, Fundamentals of Ecology, W.B. Saunders Co. USA,574p
22. Rao M.N. & Datta, A.K. 1987, Waste water treatment. Oxford & IBH pub.co.pvt. Ltd 345p
23. Sharma B.K. 2001, Environmental chemistry, Goel pub. House, Meerut
24. Survey of the Environment, The Hidu(M)
25. Townsend C. Harper J. And Michael Begon, Essentials of Ecology, Blackwell Science(TB)
26. Trivedi R.K.Handbook of Environment Laws, Rules, Guidelines, Compliances and Standards, Vol land II, Environment Media(R)
27. Trivedi R.K. and P.K. Goel, Introduction to air pollution, Techno-Science publication (TB)
28. Wanger K.D.1998, Environmental Management. W.B. Saunders Co. Philadelphia, USA 499

बी.ए./ बी.एस-सी./ बी.कॉम./ बी.एच.एस.सी. भाग -एक

(आधार पाठ्यक्रम)

प्रथम प्रश्नपत्र

हिंदी भाषा

कोड....

पूर्णांक 75

क्रेडिट 05

पाठ्यक्रमका उद्देश्य:-

- 1.हिंदी भाषाके प्रयोजनात्मक स्वरूप का सामान्य ज्ञान प्रदान करना।
- 2.कंप्यूटर में हिंदी भाषा के प्रयोग की आवश्यकता के अनुरूप कंप्यूटर की कार्य प्रणाली की आरंभिक जानकारी से अवगत होने के लिए प्रेरित करना।
- 3.हिंदी व्याकरण की बुनियादी ज्ञान संप्रेषण कौशल तथा भाषायी दक्षता से अवगत कराना।
- 4.साहित्य और समाज को समझने की दिशा में रुझान उत्पन्न करना।

पाठ्य विषय:-

इकाई 1. (क) पल्लवन, पत्राचार, अनुवाद (ख) एक टोकरी भर मिट्टी : माधवराव सप्रे बड़े भाई साहब : प्रेमचंद	अंक 15 18 कालखंड
इकाई 2. (क) संक्षेपण, हिंदी में संक्षिप्तिकरण, हिंदी-अपठित गद्यांश, पारिभाषिक शब्दावली, हिंदी में पदनाम, मुहावरे एवंलोकोक्तियाँ (ख) जागो फिर एक बार: सूर्यकांत त्रिपाठी 'निराला' जन्मदिन ( 'मिट्टी से कहूँगाधन्यवाद' संग्रह से):एकांत श्रीवास्तव	अंक 15 18 कालखंड
इकाई 3. (क) शब्द-शुद्धि, वाक्य-शुद्धि, शब्द-ज्ञान- पर्यायवाची शब्द, विलोम शब्द, अनेकार्थी-शब्द, समश्रुत शब्द, अनेक शब्दों के लिए एक शब्द (ख) भोलाराम का जीव : हरिशंकर परसाई जीप पर सवार इल्लियां: शरद जोशी	अंक 15 18 कालखंड
इकाई 4.(क) मानक भाषा का अर्थ, मानक हिंदी भाषाका अर्थ, स्वरूप,	अंक 15

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विशेषताएँ, मानक, उपभानक, अमानक-भाषा  (ख)शिकागो से स्वामी विवेकानंद का पत्र सत्य और अहिंसा : महात्मा गांधी	18 कालखंड
इकाई 5. (क) देवनागरी लिपि- नामकरण, स्वरूप, विशेषताएँ, कंप्यूटर का सामान्य परिचय, कंप्यूटर में हिंदी का अनुप्रयोग। (ख)कछुआ-धरम : चन्द्रधर शर्मा 'गुलेरी' छत्तीसगढ़ का वैभव: हीरालाल शुक्ल	अंक 15 18 कालखंड

#### मूल्यांकन योजना:-

प्रत्येक इकाई से एक-एक प्रश्न पूछे जाएंगे। एक प्रश्न के 15 अंक होंगे। प्रत्येक प्रश्न में आंतरिक विकल्प होगा। प्रत्येक प्रश्न के दो भाग 'क' और 'ख' होंगे एवं अंक क्रमशः 08 एवं 07 होंगे। प्रश्नपत्र का पूर्णांक 75 निर्धारित है।

प्रश्नपत्रके पूर्णांक का दस प्रतिशत अंक आंतरिक मूल्यांकन के लिए निर्धारित है।

#### पाठ्यक्रम अधिगम परिणाम:-

इस पाठ्यक्रम को पूर्ण करने के पश्चात विद्यार्थी:-

1. हिंदी प्रयोजनात्मक तथा कार्यशील भाषा के प्रति सजग होंगे।
2. भाषा संबंधी संभावित अशुद्धियों एवं उनके परिष्कार से परिचित होंगे तथा मानक भाषा का व्यवहार करने में सक्षम होंगे।
3. विद्यार्थियों के शब्द भंडार में वृद्धि होगी।
4. हिंदी साहित्य के पठन-पाठन के प्रति रुचि जागृत होगी एवं सामाजिक महत्व के विविध आयामों को समझने की दृष्टि विकसित होगी।

#### पाठ्यक्रम निर्माण का औचित्य:-

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BA/B.Sc./B.Com/B.Sc. Home.Sc. (Part-I)  
Foundation Course Paper-II English Language

Max. Marks:75  
Total credits: 05

Qualifying Marks:26

Paper-II	Mark's	Period's	Credit
<b>Unit-I</b> Flamingo : A Textbook for college students Publication : Macmillan Publishers	3x5=15	18	01
<b>Unit -II</b> <ul style="list-style-type: none"> <li>• Writing Skill</li> <li>• Describing a place or a person.</li> <li>• Writing a Biographical Sketch</li> <li>• Narrating an event or experience</li> </ul>	1x10=10	18	01
<b>Unit -III Reading Comprehension</b> <ul style="list-style-type: none"> <li>• (a) Unseen Passage (Normal)</li> <li>• (b) Vocabulary (Text-based)</li> </ul>	1x5=05 1x10=10	18	01
<b>Unit -III Reading Comprehension</b> (a) Unseen Passage (Normal) (b) Vocabulary (Text-based)	1x5=5 1x5=5	09	0.5
<b>Unit-V Grammar</b> <ul style="list-style-type: none"> <li>• Articles</li> <li>• Gerunds /Participles</li> <li>• Subject Verb Agreement</li> <li>• Use of Conjunctions</li> <li>• Tenses</li> <li>• Relatives</li> <li>• Possessives &amp; self forms</li> <li>• Grammatical items given in Textbook 'Flaminso'</li> </ul>	1x25=25	27	1.5
<b>Total</b>	75	90	05
<b>Recommended Books-</b> 1. Essential English Grammar, 2nd Edition by Raymond Murphy, Cambridge Publication 2. English Grammar in use 5th edition by Raymond Murphy, Cambridge Publication. 3. Advanced English Grammar by Martine Hewings Cambridge University Press.			

*Dr. Sushama Mishra*

*2/6/23*  
*(P. Chandra)*

**BA/B.Sc./B.Com/B.Sc. Home.Sc. (Part-I)**  
**Foundation Course Paper-II English Language**

Max. Marks:75  
Total credits: 05

Qualifying Marks:26

Paper-II	Mark's	Period's	Credit
<b>Unit-I</b> Flamingo : A Textbook for college students Publication : Macmillan Publishers	3x5=15	18	01
<b>Unit -II</b> <ul style="list-style-type: none"> <li>• Writing Skill</li> <li>• Describing a place or a person.</li> <li>• Writing a Biographical Sketch</li> <li>• Narrating an event or experience</li> </ul>	1x10=10	18	01
<b>Unit -III Reading Comprehension</b> <ul style="list-style-type: none"> <li>• (a) Unseen Passage (Normal)</li> <li>• (b) Vocabulary (Text-based)</li> </ul>	1x5=05 1x10=10	18	01
<b>Unit -III Reading Comprehension</b> (a) Unseen Passage (Normal) (b) Vocabulary (Text-based)	1x5=5 1x5=5	09	0.5
<b>Unit-V Grammar</b> <ul style="list-style-type: none"> <li>• Articles</li> <li>• Gerunds /Participles</li> <li>• Subject Verb Agreement</li> <li>• Use of Conjunctions</li> <li>• Tenses</li> <li>• Relatives</li> <li>• Possessives &amp; self forms</li> <li>• Grammatical items given in Textbook 'Flaminso'</li> </ul>	1x25=25	27	1.5
<b>Total</b>	<b>75</b>	<b>90</b>	<b>05</b>
<b>Recommended Books-</b> 1. Essential English Grammar, 2nd Edition by Raymond Murphy, Cambridge Publication 2. English Grammar in use 5th edition by Raymond Murphy, Cambridge Publication. 3. Advanced English Grammar by Martine Hewings Cambridge University Press.			

*Dr. Sushama Mishra*

*2/6/23*  
*(P. Choudhary)*



एक वर्षीय प्रमाणपत्र पाठ्यक्रम  
(सत्र-2022-23)

बी.ए. भाग-1  
(हिंदी साहित्य) प्रथम प्रश्नपत्र  
प्राचीन हिंदी काव्य

पूर्णांक: 75  
क्रेडिट - 5, 90 कालखण्ड

उद्देश्य एवं प्रस्तावना : प्राचीन से यहां तात्पर्य है- आधुनिक काल से पूर्व का काल। सही अर्थ में हिंदी भाषा और साहित्य का विकास आदिकाल से शुरू होता है। इसमें धार्मिक तथा ऐतिहासिक दो प्रकार का साहित्य मिलता है, जो प्रबंध, मुक्तक, रासो, फागु, चरित, सुभाषित आदि विविध काव्यरूपों में अभिव्यंजित हैं। मध्यकालीन साहित्य की पृष्ठभूमि के रूप में इसे प्रतिष्ठापित किया जाता है। मध्यकालीन काव्य में भक्तिकाव्य, जहां लोक जागरण को स्वर देने वाला है वहीं रीति काल अपने लौकिक, श्रृंगारिक, परिदृश्य में तत्कालीन सामाजिक, सांस्कृतिक, राजनीतिक स्थितियों को बेलोस अभिव्यंजित करता है। अतः भाषा संस्कृति, विचार, मानवता, काव्यत्व, काव्यरूपता, लौकिकता-पारलौकिकता आदि दृष्टियों से इसका अध्ययन अत्यावश्यक है।

पाठ्य विषय : प्राचीन हिन्दी काव्य की पृष्ठभूमि एवं प्रवृत्तियाँ

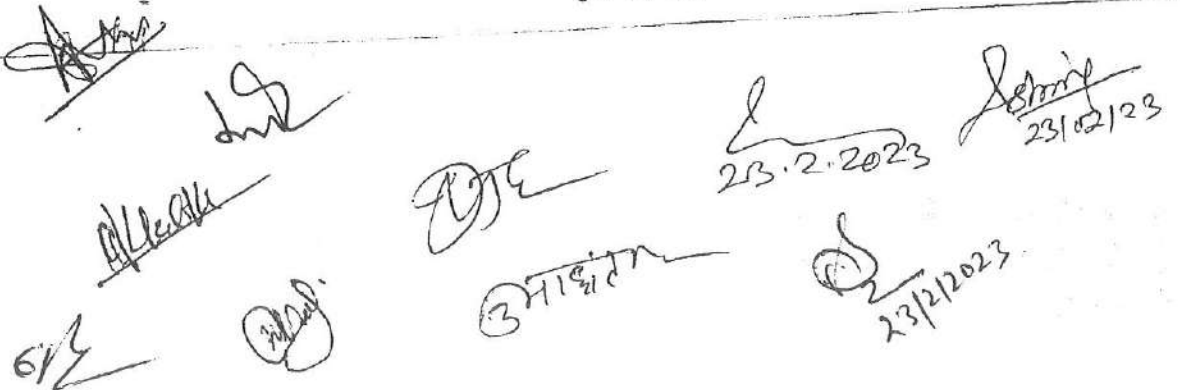
1. कबीरदास : (कबीर-कांतिकुमार जैन-प्रारंभिक 50 साखियों।)
2. जायसी : (संक्षिप्त पदमावत- श्यामसुंदर दास, नागमती वियोग वर्णन)
3. सूरदास : (भ्रमरगीत सार-संपादक आचार्य रामचंद्र शुक्ल- प्रारंभिक 25 पद)
4. तुलसीदास : "श्रीरामचरितमानस" के सुंदरकांड से प्रारंभिक 30 दोहे, चौपाई, छंद सहित।
5. घनानन्द : (घनानन्द- संपादक, विश्वनाथ प्रसाद मिश्र- प्रारंभिक 25 छंद)

द्वुत्पाठ : इसके अंतर्गत 1. विद्यापति 2.रहीम 3.रसखान 4.गोपाल मिश्र का अध्ययन किया जाएगा, जिनमें से किन्ही दो पर लघु उत्तरीय प्रश्न पूछे जाएंगे।

अंक विभाजन

3 व्याख्याएँ	अंक-21
2 आलोचनात्मक प्रश्न	अंक-24
3 लघु उत्तरीय प्रश्न	अंक-15
15 वस्तुनिष्ठ प्रश्न	अंक-15

कुल-75 अंक

  
23.2.2023  
23/2/2023



इकाई विभाजन :

इकाई एक – व्याख्या	18 कालखण्ड
इकाई दो- कबीर, जायसी	18 कालखण्ड
इकाई तीन – सूर, तुलसी, घनानंद	18 कालखण्ड
इकाई चार – द्रुत पाठ के कवि- विद्यापति, रहीम, रसखान, गोपाल मिश्र	18 कालखण्ड
इकाई पाँच – वस्तुनिष्ठ प्रश्न (सम्पूर्ण इकाई से)	18 कालखण्ड

पाठ्यक्रम अध्ययन की परिलब्धियों (CLO)

1. विद्यार्थियों को हिंदी साहित्य की प्रारंभिक काव्य परंपरा एवं रचना शिल्प से परिचित कराना।
2. प्राचीन हिंदी काव्य के अंतर्गत आदिकाल, भक्तिकाल एवं रीतिकाल के प्रतिनिधि कवियों के साहित्य के प्रति मूलभूत समझ विकसित करना।
3. साहित्य के माध्यम से विद्यार्थियों में प्रेम, सद्भाव एवं जीवन मूल्यों का विकास करना।
4. छत्तीसगढ़ प्रदेश के कवियों एवं उनके साहित्यिक अवदान के प्रति विद्यार्थियों में अभिरूचि जागृत करना।

The block contains several handwritten signatures and dates. On the left, there are three signatures: one at the top, one in the middle, and one at the bottom. In the center, there are two more signatures. On the right, there is a signature with the date '23/02/23' written below it. Below that, there is another signature with the date '23.2.2023' written below it. At the bottom right, there is a signature with the name 'उमादेव' written below it. There are also some small circular marks or stamps on the right side.

बी.ए. भाग-1  
(हिंदी साहित्य) द्वितीय प्रश्नपत्र  
हिंदी कथा साहित्य

पूर्णांक: 75  
क्रेडिट - 5, 90 कालखण्ड

उद्देश्य एवं प्रस्तावना : गद्य की प्रमुख विधाओं का द्रुत विकास इनकी लोकप्रियता का प्रमाण प्रस्तुत करता है। इसमें आधुनिक जीवन, अपनी विविध कमियों के साथ यथार्थ रूप में अभिव्यंजित हुआ है। जीवन की अनुभूतियां, संवेदनाओं तथा विविध परिस्थितियों के साक्षात्कार के लिए इनका अध्ययन सर्वथा अपेक्षित है।

पाठ्य विषय : व्याख्या एवं आलोचनात्मक प्रश्नों के लिए एक उपन्यास एवं आठ कहानीकारों की एक-एक प्रतिनिधि कहानी का अध्ययन आवश्यक है।

उपन्यास:	1. गबन	-मुंशी प्रेमचंद
कहानी	1. पूस की रात	- मुंशी प्रेमचंद
	2. आकाशदीप	- जयशंकर प्रसाद
	3. परदा	- यशपाल
	4. लाल पान की बेगम	- फणीश्वरनाथ रेणु
	5. मलबे का मालिक	- मोहन राकेश
	6. चीफ की दावत	- भीष्म साहनी
	7. जली हुई रस्सी	- गुलशेर खां शानी
	8. नकली हीरे	- उषा प्रियंवदा

द्रुतपाठ के लिए निम्नांकित चार कथाकारों का अध्ययन अपेक्षित है, जिनमें से किन्ही दो पर लघु उत्तरीय प्रश्न पूछे जाएंगे।

1. उपेन्द्रनाथ अश्क 2. बालशौरि रेड्डी 3. शिवानी 4. पदुमलाल पुन्नलाल बख्शी

अंक विभाजन

3 व्याख्याएं	अंक-21
2 आलोचनात्मक प्रश्न	अंक-24
3 लघु उत्तरीय प्रश्न	अंक-15
15 वस्तुनिष्ठ प्रश्न	अंक-15

कल-75 अंक

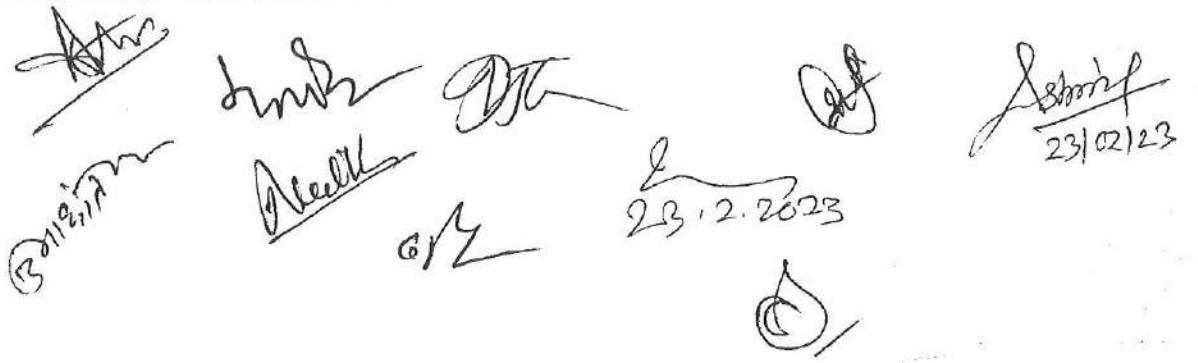
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23.2.2023  
23/02/23

इकाई विभाजन :

इकाई एक - व्याख्या	18 कालखण्ड
इकाई दो- गबन(उपन्यास), पूस की रात, आकाशदीप, परदा (कहानियों)	18 कालखण्ड
इकाई तीन -लाल पान की बेगम, मलबे का मालिक, चीफ की दावत, जली हुई रस्सी, नकली हीरे	18 कालखण्ड
इकाई चार -(क) द्रुत पाठ के कथाकार-उपेन्द्रनाथ अशक, बालशौरि रेड्डी, शिवानी, पदुमलाल पुन्नालाल बख्शी (ख) हिंदी कथा साहित्य का विकास	18 कालखण्ड
इकाई पाँच - वस्तुनिष्ठ प्रश्न/अतिलघुउत्तरीय प्रश्न (सम्पूर्ण पाठ्यक्रम से)	18 कालखण्ड

पाठ्यक्रम अध्ययन की परिलब्धियों (CLO)

1. विद्यार्थियों को हिंदी उपन्यास एवं हिन्दी कहानी की विकास यात्रा से परिचित कराना।
2. उपन्यास एवं कहानी विधा की शिल्पगत विशेषताओं से अवगत कराना।
3. मुंशी प्रेमचंद एवं सुप्रसिद्ध कहानीकारों के व्यक्तित्व, कृतित्व एवं साहित्यिक अवदान से विद्यार्थियों को परिचित कराना।
4. छत्तीसगढ़ प्रदेश के साहित्यकारों के रचनात्मक कौशल एवं हिंदी कथा साहित्य की अंतर्वस्तु की समझ विकसित करना।

A collection of handwritten signatures and dates. On the left, there are several signatures, including one that appears to be 'Dhanraj'. In the center, there is a signature and the date '23.2.2023'. On the right, there is a signature and the date '23/02/23'. There are also some circular marks or stamps.

B.A. Part - I  
English Literature  
Paper-I  
Literature in English-1550-1750

- (i) Unit - 1 of Annotation is compulsory, and passages to be set from Units (II to V) at least one from each unit, 3 to be attempted. 3x5=15
- (ii) Multiple choice/objective type questions to be set Unit vii, 15 to be set 10 be attempted. 1x10=10
- (iii) From Unit-II to VI- 8 questions to be set at least one from each unit - 5 to be attempted. 10x5=10
- Word Limit for each answer 300 to 400 words.

**UNIT-I ANNOTATIONS**

**UNIT- II POETRY**

- (a) William Shakespeare - Sonnet No. 1 From Fairest Creatures,  
Sonnet No. 55 Not Marble nor the Glided Monuments
- (b) John Milton - How Soon Hath Time the subtle of Youth...
- (c) John Donne - Death Be not Proud, The Good Morrow

**UNI-III POETRY**

- (a) John Dryden - Portrait of Shadwell.
- (b) Alexander Pope - From An Essay on Criticism (True ease in writing ... And the world's victor stood subdu'd by sound!)

**UNIT-IV PROSE**

- (a) Francis Bacon - Of Studies, Of Health, Of Friendship
- (b) Joseph Addison - Sir Roger at Home
- (c) Richard Steele - Of the Club.

**UNIT-V DRAMA**

- William Shakespeare - The Tempest

**UNIT-VI FICTION**

- Jonathan Swift - Gulliver's Travels

**UNIT- 7 LITERARY TOPICS**

- (i) Poetic Forms :- Lyric, Sonnet, Ode, Elegy, Ballads, Epic, Objective and Subjective Poetry.
- (ii) Dramatic Forms :- Mystery and Miracle Plays, Morality Plays, Tragedy, Comedy, Poetic Drama, Interlude, Melodrama, Farce, Masque.
- (iii) Prose Forms :- Objective and Subjective Essays, Novels, Autobiography, Travel Writing.
- (iv) Dramatic Devices :- Plot, Soliloquy, Aside, Characterization, Dramatic Irony

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**BOOKS RECOMMENDED FOR UNIT VII TN PAPERS I AND II**

1. Edward Albeft - A History of English Literature
2. Ifor Evans - A short History of English Literature.
3. Hudson - An Outline History of English Literatur
- 4 B. Prasad - A Background Study of English Literature.

**CREDIT & PERIOD DETAILS**

S.No.	Unit	Periods	Credit(Point)
1	2	15	1.0
2	3	11	0.73
3	4	15	1.0
4	5	15	1.0
5	6	10	0.67
6	7	09	0.60
		75	5.00

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**B.A. Part I**  
**English Literature**  
**Paper -I ( Literature in English :1550-1750)**  
**Course outcome**

After completing the Course the students will able to demonstrate:

- co 01- a comprehensive knowledge of the literary works in English produced by the British writers this knowledge will include the various literary forms fictional as well as non- fictional employed by the British writers and Historical and Literary topics as well.
- co 02- a critical understanding of the poets like shakespeare' Milton and John Donne,JohnDrydenandAlexanderPope,playwrightslikesakespeare'non fictional writers like Bacon, Addison, and Steele and the novelists like Swift.
- co 03- a capacity to compare and contrast the different literary qualities of the writers and critically rank them in evaluative terms.
- co 04- a critical inclination to read literature as a socio-cultural document'
- co 05- a research tendency to go for innovative studies like English Literature in the postcolonial light of the latest research insights.
- co 06- a socio- political sense of responsibility to stand up against colonizing human tendencies.
- co 07- a visible literary- critical bent towards understanding life through literature.

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**B.A. Part - I**  
**English Literature**  
**Paper -II (Literature in English: 1750-1900)**

- Note- (i) Unit - 1 of Annotation is compulsory, 6 Passages be set from Units (II to IV) at least one from each unit, 3 to be attempted 3x5=15
- (ii) Multiple choice/objective type questions to be set from unit- VII, 25 to be set 10 to be attempted. 1x10=10
- (iii) From Unit-II to VI-8 questions to be set at least one from each unit- 5 to be attempted. 10x5=50
- Word Limit for each answer 300 to 400 words.

**UNIT-I ANNOTATIONS**

**UNIT-II POETRY**

- (a) William Blake - Tyger, Tyger Burning Bright.
- (b) William Wordsworth - Daffodils, Upon Westminster Bridge.
- (c) S.T. Coleridge - Frost at Midnight.

**UNIT-III POETRY**

- (a) P.B. Shelley - Ode to the West Wind
- (b) John Keats - Ode to Autumn.
- (c) Alfred Tennyson - Crossing the Bar.
- (d) Robert Browning - Prospice

**UNIT-IV PROSE**

- (a) Charles Lamb - Dream Children: A Reverie
- (b) William Hazlitt - On Going a Journey - On Going a Journey

**UNIT-V FICTION**

- Jane Austen - Pride and Prejudice.

**UNIT-VI FICTION**

- Charles Dickens - A Tale of Two Cities

**UNIT-7 LITERARY TOPICS**

- (1) Simile
- (2) Metaphor
- (3) Alliteration
- (4) Paradox
- (5) Metonymy
- (6) Oxymoron
- (7) Synecdoche
- (8) Exaggeration or Hyperbole
- (9) Antithesis
- (10) Personification
- (11) Apostrophe
- (12) Onomatopoeia

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(13) Dramatic Monologue

(14) Couplet

(15) Blank Verse

**BOOKS RECOMMENDED FOR UNIT VII TN PAPERS I AND II**

1. Edward Albeft - A History of English Literature
2. Ifor Evans - A short History of English Literature.
3. Hudson - An Outline History of English Literatur
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**CREDIT & PERIOD DETAILS**

S.No.	Unit	Periods	Credit(Point)
1	2	15	1.0
2	3	15	1.0
3	4	15	1.0
4	5	10	0.67
5	6	11	0.73
6	7	09	0.60
		75	5.00

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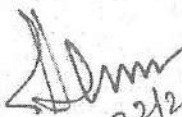
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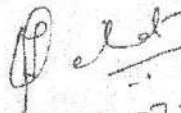


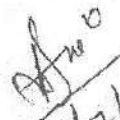
B.A. part I  
English Literature  
Paper -II (Literature In English : 1750-1900)  
Course outcome

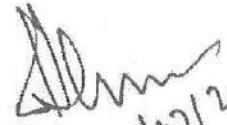
After completing the Course the students will able to demonstrate: -


- Co 01- a Comprehensive knowledge of the literary works in English produced by British writers this knowledge will include the various literary forms fictional as well as non- fictional employed by the British writers and Historical and Literary topics as well.
- Co 02- a critical understanding of the poets like Blake, Wordsworth, Coleridge, Shelley, Keats, Tennyson and Browning and non fictional writers like Lamb and Hazlit and the novelists like Jane Austen and charles Dickens.
- Co 03- a capacity to compare and contrast the different literary qualities of the writers with the critically rank them in evaluative terms.
- Co 04- a critical inclination to read literature as a socio-cultural document.
- Co 05- a research tendency to go for innovative studies like English Literature in the postcolonial light of the latest research insights.
- Co 06- a socio- political sense of responsibility to stand up against colonizing human tendencies.
- Co 07- avisible literary- critical bent towards understanding life through literature .

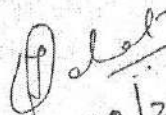
  
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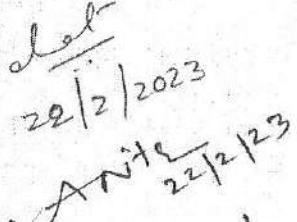
  
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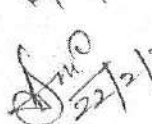
  
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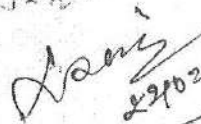
  
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प्रोग्राम – प्रमाणपत्र पाठ्यक्रम इतिहास		कक्षा– बी.ए. प्रथम वर्ष प्रश्नपत्र – प्रथम	सत्र – 2022.2023
विषय – इतिहास			
1	कोर्स कोड	CCHS1	
2	पाठ्यक्रम का शीर्षक	भारत का इतिहास (प्रारंभ से 1206 ई. तक)	
3	कोर्स का प्रकार	मूल पाठ्यक्रम	
4	पूर्वापेक्षा (यदि कोई हो)	12 वीं उत्तीर्ण विद्यार्थी इस पाठ्यक्रम में प्रवेश ले सकते हैं।	
5	पाठ्यक्रम सीखने का परिणाम	विद्यार्थी, प्रागैतिहासिक युग, आद्यैतिहासिक युग और ऐतिहासिक युग में मानव के क्रमिक विकास के विभिन्न चरणों का विश्लेषण कर सकेंगे। भारत की प्राचीन सभ्यताओं जैसे सिन्धु-सरस्वती, वैदिक सभ्यता और उत्तर वैदिक सभ्यता आदि के विषय में गहन जानकारी प्राप्त कर पायेंगे। मौर्य काल और गुप्त काल में भारत के स्वर्णिम अतीत, उनकी दिग्विजय, कला, वास्तुकला एवं साहित्य आदि को विस्तार से समझ पायेंगे।	
6	क्रेडिट वेल्यू	5	
7	कुल अंक	अधिकतम अंक : 75 न्यूनतम अंक 25	

पाठ्यक्रम की सामग्री		
इकाई	विषय	क्रेडिट
1	1. भारत की भौगोलिक विशेषताएं 2. प्राचीन भारतीय इतिहास के स्रोतों का सर्वेक्षण 3. पाषाण कालीन संस्कृति 4. हड़प्पा सभ्यता नवीन पुरातात्विक स्रोतों के आलोक में (लोथल, कालीबंगा, बनावली, सूरकोतड़ा, धौलावीरा और राखीगढ़ी )	1
2	5. वैदिक सभ्यता और संस्कृति 6. महाजनपद काल 7. धार्मिक क्रांति – जैन धर्म और बौद्ध धर्म की भारतीय संस्कृति को देन 8. सिकंदर का आक्रमण और उसका प्रभाव	1
3	9. मगध का उत्कर्ष 10. मौर्य साम्राज्य एवं अशोक 11. मौर्यत्तर काल – शुंग, कुषाण, सातवहन 12. संगम युग – साहित्य, संस्कृति, चोल एवं पाण्ड्य राज्य	1
4	13. गुप्त साम्राज्य – प्रशासन, आर्थिक एवं सांस्कृतिक दशा 14. राजपूतों की उत्पत्ति – प्राशासनिक एवं सामाजिक व्यवस्था 15. वृहत्तर भारत की अवधारणा तथा भारतीय संस्कृति का विस्तारीकरण (दक्षिण पूर्व एशिया और $\square\square\square\square$ लंका से संबंध) 16. पूर्व मध्यकाल में अरबी और तुर्की आक्रमण	1
5	17. छत्तीसगढ़ का परिचय एवं नामकरण 18. छत्तीसगढ़ का इतिहास प्रागैतिहासिक काल से गुप्त काल तक 19. छत्तीसगढ़ के प्रमुख राजवंश – राजर्षितुल्य, नल, शरमपुरी, सोमवंश, पाण्डु वंश, छिन्दक नाग वंश 20. छत्तीसगढ़ के प्रमुख शैलाश्रय केन्द्र – रामगढ़, कबरा पहाड़, सिंघनपुर, करमागढ़ सौंठीघाट	1

RK Pandey  
Dr. ANIL KUMAR PANDAY  
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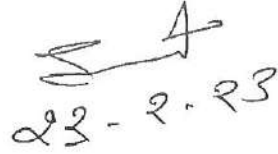
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केन्द्रीय छात्रावास मॉडल  
इतिहास

## संदर्भ ग्रंथ सूची-

1. Majumdar R.C.: The History and Culture of Indian People Vol. I, Vedic Age,
2. Majumdar R.C.: The History and Culture of Indian People Vol. II, The Age of Imperial Unity,
3. Majumdar R.C.: The History and Culture of Indian People Vol. III, The Classical Age,
4. Majumdar R.C.: The History and Culture of Indian People Vol. IV, The Age Imperial Kanauj,
5. Majumdar R.C.: The History and Culture of Indian People Vol. V, The struggle for Empire,
6. Jayaswal, Vidula : Bhartiya Itihas ke Adi Charan ki Rooprekha,
7. Pandey Rajballi : Prachin Bharat,
8. Raychaudhary, H.C.: Political History of Ancient India,
9. Sankalia, H.D.: Prehistory and Prohistory of India and Pakistan,
10. Sastri, K.A. Nilakanta: A history of South India from Prehistoric Time to the
11. Singh Kripa Shankar: Rigveda, Harrappa Sabhyata aur Sanskritic Nirantarta.
12. Singh Upinder : A History of Ancient and Early Medieval India,
13. Thapar Romila: Early India from the Beginning to 1300 ,
14. Tripathi R.S.: History of Ancient India,
15. श्रीवास्तव, के.सी. : प्राचीन भारत का इतिहास तथा संस्कृति,
16. नहर रविभानु सिंह : प्राचीन भारत का राजनीतिक एवं सांस्कृतिक इतिहास,
17. श्रीवास्तव, बी.के. : प्राचीन भारत का इतिहास
18. गुप्त विवकुमार : प्राचीन भारत का इतिहास,
19. ऋण्डेय श्रीनेत्र : प्राचीन भारत का राजनीतिक एवं सांस्कृतिक इतिहास
20. पाण्डेय विमल चन्द : प्राचीन भारत का राजनीतिक एवं सांस्कृतिक इतिहास
21. राजपुरोहित मगवती लाल : राजा भोज, विक्रमादित्य





  
23-2-23

Program: Certificate Course in History		Class: B.A. I Year Paper - First	Session: 2022-2023
1	Course Code	CCHSI	
2	Course Title	History of India (Beginning to 1206 A.D.)	
3	Course Type	Core Course	
4	Pre-requisite (if any)	12 <sup>th</sup> . Pass students can take admission in this course.	
5	Course Learning Outcomes (CLO)	By studying this course a student will be able to develop the ability to analyze the various stages of the evolution of human life from the prehistoric era to the historical era of ancient India. Students will be able to study political, administrative, economic, religious and social issues relevant from Vedic era to Rajput period. The study of the gradual development of regional history, civilization and culture is important from the point of view of competitive examination.	
6	Credit Value	Theory : 5	
7	Total Marks	Maximum Marks: 75	Minimum Passing Marks : 25

Unit	Topics	Credit
I	1. Geographical features of India. 2. A survey of the sources of ancient Indian History. 3. Stone age culture. 4. Harappa Civilization – In the light of new archeological sources – Lothal, Kalibanga, Banawali, Surkotada, Dholavira, Rakhigarhi.	1
II	5. Vedic civilization and culture. 6. Mahajanpada Period. 7. Religious Movement - Contribution of Jainism and Buddhism to Indian culture. 8. Alexander's Invasion and its impact.	1
III	9. Rise of Magadh. 10. Mauryan Dynasty and Ashoka. 11. Post Mauryan Period – Shung, Kushan and Saatvahana. 12. Sangam Period – Literature and culture, Chola and Pandya Dynasty.	1
IV	13. Gupta Dynasty – Administration, economic and cultural condition. 14. Origin of Rajputs- Administration and social system. 15. Concept of Greater India and expansion of Indian culture (in relation with South -East Asia and Sri Lanka) 16. Arabic and Turkish invasion in the Early Medieval period.	1
V	17. Introduction to Chhattisgarh and nomenclature. 18. History of Chhattisgarh – from Prehistoric to Gupta periods. 19. Important dynasty of Chhattisgarh - Rajarshitulya, Nal Dynasty, Sharabhपुरi Dynasty, Somvansh Dynasty, Panduvansh Dynasty, and Chhindak Nag Dynasty. 20. Important Rock Shelters of Chhattisgarh – Ramgarh, Kabra Pahad, Singhanpur, Karmagarh and Sonhighat.	1

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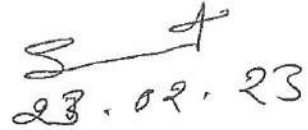
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Text Books, Reference Books, Other resources

1. Majumdar R.C.: The History and Culture of Indian People Vol. I, Vedic Age,
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3. Majumdar R.C.: The History and Culture of Indian People Vol. III, The Classical Age,
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9. Sankalia, H.D.: Prehistory and Prohistory of India and Pakistan,
10. Sastri, K.A. Nilakanta: A history of South India from Prehistoric Time to the
11. Singh Kripa Shankar: Rigveda, Harrappa Sabhyata aur Sanskritic Nirantarta.
12. Singh Upinder : A History of Ancient and Early Medieval India,
13. Thapar Romila: Early India from the Beginning to 1300 ,
14. Tripathi R.S.: History of Ancient India,
15. श्रीवास्तव, के.सी. : प्राचीन भारत का इतिहास तथा संस्कृति,
16. नहर रविभानु सिंह : प्राचीन भारत का राजनीतिक एवं सांस्कृतिक इतिहास,
17. श्रीवास्तव, बी.के. : प्राचीन भारत का इतिहास
18. गुप्त विवकुमार : प्राचीन भारत का इतिहास,
19. पाण्डेय श्रीनेत्र : प्राचीन भारत का राजनीतिक एवं सांस्कृतिक इतिहास
20. पाण्डेय विमल चन्द : प्राचीन भारत का राजनीतिक एवं सांस्कृतिक इतिहास



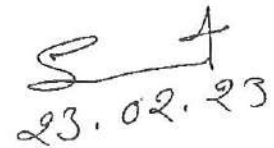


  
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प्रोग्राम - प्रमाणपत्र पाठ्यक्रम इतिहास		कक्षा- बी.ए. प्रथम वर्ष प्रश्नपत्र - द्वितीय विषय - इतिहास	सत्र - 2022.2023
1	कोर्स कोड	CCHS2	
2	पाठ्यक्रम का शीर्षक	विश्व का इतिहास (1453 से 1871 ई. तक)	
3	कोर्स का प्रकार	मूल पाठ्यक्रम	
4	पूर्वापेक्षा (यदि कोई हो)	12 वीं उत्तीर्ण विद्यार्थी इस पाठ्यक्रम में प्रवेश ले सकते हैं।	
5	पाठ्यक्रम सीखने का परिणाम	विद्यार्थी, प्रस्तुत पाठ्यक्रम के अध्ययन से विश्व की प्रमुख ऐतिहासिक घटनाओं की जानकारी प्राप्त करेंगे एवं भारतीय इतिहास में होने वाली घटनाओं से उनका अंतर्संबंध स्थापित कर पायेंगे। विश्व में होने वाली राजनैतिक, आर्थिक एवं औद्योगिक क्रांति के बाद होने वाले परिवर्तन का अध्ययन करते हुए विद्यार्थी वैश्विक परिदृश्य में भारतीय इतिहास का तुलनात्मक अध्ययन करने में सक्षम होंगे।	
6	क्रेडिट वेल्यू	5	
7	कुल अंक	अधिकतम अंक : 75 न्यूनतम अंक 25	

पाठ्यक्रम की सामग्री		
इकाई	विषय	क्रेडिट
1	1. यूरोप में सामंतवाद का पतन एवं आधुनिक युग का प्रारंभ 2. पुनर्जागरण 3. धर्मसुधार आंदोलन एवं प्रतिधर्म सुधार आंदोलन 4. राष्ट्रीय राज्यों का उदय : कारण एवं परिणाम	1
2	5. वाणिज्यवाद 6. औद्योगिक क्रांति 7. उपनिवेशवाद 8. गौरवपूर्ण क्रांति (1688)	1
3	9. अमेरिका का स्वतंत्रता संग्राम 10. फ्रांस की क्रांति के कारण एवं परिणाम 11. नेपोलियन युग 12. विना कांग्रेस	1
4	13. मेटर्निख युग - विदेश नीति 14. यूरोप में 1830 की क्रांति 15. यूरोप में 1848 की क्रांति 16. इंग्लैंड में उदारवाद - 1832 एवं 1867 का सुधार अधिनियम	1
5	17. पूर्वी समस्या - क्रीमिया युद्ध तक 18. अफ्रीका का विभाजन 19. इटली का एकीकरण 20. जर्मनी का एकीकरण	1

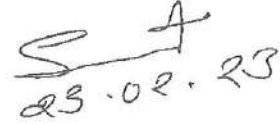


  
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संदर्भ ग्रंथ सूची-

1. मेहता, बी.एन.पाल: आधुनिक यूरोप (1453-1919)
2. वर्मा, एस.आर.: यूरोप का इतिहास (1450-1789)
3. Khurana K.L.: modern Europe (1453-1789)
4. श्रीवास्तव, बी.के.: वि व का इतिहास (1453-1890)
5. जैन माथुर : आधुनिक वि व का इतिहास, पुनर्जागरण से भीत युद्ध तक
6. माथुर, बी.एस.: संयुक्त राज्य अमेरिका का इतिहास,
7. काम्बले, जे.आर. : अमेरिका का इतिहास
8. Shinde manik manohar : History of modern Europe
9. भार्मा एल.पी. : इंग्लैण्ड का इतिहास,
10. भार्मा मथुरालाल : यूरोप का इतिहास (1789-1870)
11. भार्मा पार्थसारथी : ब्रिटेन का इतिहास.
12. सक्सेना बनारसीप्रसाद : अमेरिका का इतिहास



  
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## SYLLABUS: ECONOMICS

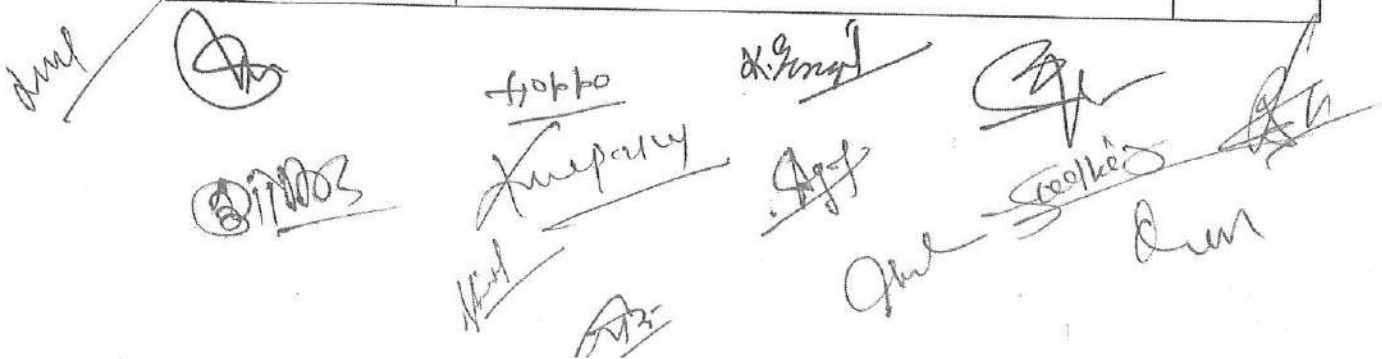
PART-A, INTRODUCTION			
PROGRAM: Certificate	CLASS: B.A. I <sup>st</sup> Year	YEAR:2024	SESSION:2023-24
SUBJECT: ECONOMICS			
1	PROGRAM CODE:	A1-ECO-CER	
2	COURSE CODE:	A1-ECO-CER-DSC-1	
3	COURSE TITLE:	PRINCIPLES OF MICRO ECONOMICS (Core Course)	
4	COURSE LEARNING OUTCOME:	<p>Student after passing this course will understand rational behavior of microeconomics. Students will know about the production process. Along with it, they will also be able to explain the markets and their compositions. The students will have knowledge of welfare, which is a pivot to equality and justice.</p> <p>Study of Microeconomics helps the students to know and judge the basics of buying and selling and product pricing.</p>	
5	TOTAL MARKS=100	MAX MARKS: 100	MIN PASS MARKS:34
PART-B, CONTENT OF THE COURSE			
UNIT	TOPICS		
UNIT I- Introduction of Economics	<ol style="list-style-type: none"> <li>1. Definition, Nature and Scope of Economics,</li> <li>2. Utility analysis- Cardinal and Ordinal approach</li> <li>3. Indifference curve analysis</li> <li>4. Consumer's Equilibrium &amp; consumer surplus</li> <li>5. Law of demand, Elasticity of demand.</li> <li>6. Demand and supply relationship</li> </ol>		
UNIT II- Production	<ol style="list-style-type: none"> <li>1. Theory of Production</li> <li>2. Law of variable proportion</li> <li>3. Production function</li> <li>4. Economies of scale</li> <li>5. Iso Productive curves</li> <li>6. MRTS</li> <li>7. Returns to scale</li> <li>8. Cost and revenue concepts</li> <li>9. Equilibrium of the firm.</li> </ol>		
UNIT III- Market and Price determination	<ol style="list-style-type: none"> <li>1. Meaning of various markets</li> <li>2. Perfect competition and price output determination</li> <li>3. Monopoly and price- output determination</li> <li>4. Monopolistic competition and price-output determination</li> </ol>		
UNIT IV- Theory of factor pricing	<ol style="list-style-type: none"> <li>1. Marginal productivity theory of distribution</li> <li>2. Wage theories</li> <li>3. Rent theories</li> <li>4. Interest theories</li> <li>5. Profit theories</li> </ol>		



UNIT V- Welfare Economics	1. Concept of welfare economics 2. Value Judgment 3. Pigou's welfare economics 4. Pareto's Optimum Theory.	
<b>PART-C, LEARNING RESOURCES (BOOKS RECOMMENDED)</b>		
AUTHOR	TITLE	PUBLISHER
Jhingan, M.L.	Micro Economic Theories (Hindi & English)	Vrinda Publications
Ahuja, H.L.	Principles of Micro Economics ( Hindi & English)	S Chand & Co
Seth, M.L.	Micro Economics (Hindi & English)	LN Agrawal
Koutsoyiannis, A.	Modern Micro Economics	Mcmillan
Dhingra, I. C., V. K. Garg	Principles of Micro Economics	Sultan Chand & Sons
Bose, D., A. Marimuthu	An Introduction to Micro Economics	Himalaya Publishing House
Vengedasalam, Deviga, Karunagaran Madhavan	Principles of Economics	Oxford University Press
सिन्हा, वी.सी., पुष्पा सिन्हा	व्यष्टि अर्थशास्त्र	SBPD
पंत जे.सी. एवं मिश्रा	सूक्ष्म अर्थशास्त्र	साहित्य भवन
जैन, के. पी.	आधुनिक माइक्रो अर्थशास्त्र	रतन प्रकाशन मंदिर
<b>SUGGESTED DIGITAL PLATFORM</b>		
1	<a href="https://www.swayamprabha.gov.in/index.php">https://www.swayamprabha.gov.in/index.php</a>	
2	<a href="https://vidyamidra.inflibnet.ac.in/index.php">https://vidyamidra.inflibnet.ac.in/index.php</a>	
3	<a href="https://epgp.inflibnet.ac.in/Home/ViewSubject">https://epgp.inflibnet.ac.in/Home/ViewSubject</a>	
<b>PART-D ASSESSMENT &amp; EVALUATION</b>		
Recommended Continuous Evaluation Methods: Maximum Marks: 100 University Exam (UE):100 marks		
Internal Assessment: Continuous Comprehensive Evaluation (CCE):NIL	Class Test Assignment/Presentation	0 Marks 0 Marks
External Assessment: University Exam Section:100 Time: 3 hrs.	10 questions (02 from each unit). Attempt one question from each unit.	20 marks each

## SYLLABUS: ECONOMICS

PART-A INTRODUCTION			
PROGRAM: CERTIFICATE	CLASS: B.A. 1 <sup>st</sup> year	YEAR: 2024	SESSION: 2023-24
SUBJECT: ECONOMICS			
1.	PROGRAM CODE	A1-ECO-CER	
2.	COURSE CODE	A1-ECO-CER-DSC-2	
3.	COURSE TITLE	INDIAN ECONOMY( Core Course)	
4.	COURSE LEARNING OUTCOME	<ul style="list-style-type: none"> <li>The students learn about the state of Indian economy pre and post-independence.</li> <li>The students learn about the planning process and its achievements in Indian economy.</li> <li>The students come across with the new economic reforms introduced in Indian economy in the year 1991 and its role in India's development.</li> <li>The students will come to know about some social problems like overpopulation, education, health &amp; malnutrition, poverty, unemployment etc.</li> <li>The students learn the problems and prospects of agriculture sector in India.</li> <li>The students learn various aspects of industrial development and reforms process in the industrial economy.</li> <li>The students learn the role of foreign trade on Indian economy. They will also learn various aspects of foreign trade in India.</li> <li>The students learn the state income of Chhattisgarh in the form of GSDP, Per capita income, sectorial contribution etc.</li> <li>The students also learn about the importance of agriculture in Chhattisgarh's economy.</li> <li>The students learn about various crops their production and productivity.</li> <li>The students learn about various industries and infrastructure facilities in Chhattisgarh.</li> </ul>	
5.	TOTAL MARKS: =100	MAXIMUM MARKS: 100	MINIMUM PASSING MARKS: 34
PART B- CONTENT OF COURSE			
UNIT	TOPICS		
UNIT-I AN INTRODUCTION TO INDIAN ECONOMY	<ol style="list-style-type: none"> <li>1. INDIAN ECONOMY AT THE TIME OF INDEPENDENCE</li> <li>2. POST INDEPENDENCE INDIAN ECONOMY</li> <li>3. DEVELOPMENT THROUGH FIVE YEAR PLANS</li> <li>4. NITI AAYOG</li> <li>5. NEW ECONOMIC REFORMS</li> <li>6. IMPACT OF NEW ECONOMIC REFORMS IN ECONOMIC DEVELOPMENT</li> </ol>		






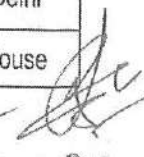


UNIT-II DEMOGRAPHY	<ol style="list-style-type: none"> <li>1. DEMOGRAPHIC TRENDS OF INDIA</li> <li>2. ISSUES OF EDUCATION, HEALTH, MALNUTRITION AND MIGRATION , POVERTY AND INEQUALITY</li> <li>3. UNEMPLOYMENT &amp; OCCUPATIONAL DISTRIBUTION</li> <li>4. MUDRA YOJANA</li> <li>5. INTERNATIONAL COMPARISON IN POVERTY &amp; HUMAN DEVELOPMENT</li> </ol>	
UNIT-III AGRICULTURE	<ol style="list-style-type: none"> <li>1. NATURE &amp; IMPORTANCE OF AGRICULTURE</li> <li>2. AGRICULTURE PRODUCTION &amp; PRODUCTIVITY</li> <li>3. MAJOR PROBLEMS IN INDIAN AGRICULTURE</li> <li>4. LAND USE PATTERN &amp; LAND REFORMS</li> <li>5. NEW AGRICULTURE STRATIGIES &amp; GREEN REVOLUTION</li> <li>6. RURAL CREDIT</li> <li>7. AGRICULTURE MARKETING</li> </ol>	
UNIT-IV INDUSTRY & FOREIGN TRADE	<ol style="list-style-type: none"> <li>1. INDUSTRIAL GROWTH &amp; PRODUCTIVITY</li> <li>2. INDUSTRIAL POLICY &amp; ECONOMIC REFORMS</li> <li>3. MICRO, SMALL &amp; MEDIUM INDUSTRIES (MSME)</li> <li>4. PROBLEMS OF SMALL SCALE INDUSTRIES</li> <li>5. PUBLIC ENTERPRIZES IN INDIA</li> <li>6. ROLE OF FOREIGN TRADE IN INDIA'S DEVELOPMENT</li> <li>7. TRENDS OF IMPORT &amp; EXPORT</li> <li>8. DIRECTION &amp; COMPOSITION OF INDIA'S FOREIGN TRADE</li> </ol>	
UNIT-V CHHATTISGARH'S ECONOMY	<ol style="list-style-type: none"> <li>1. GROSS STATE DOMESTIC PRODUCT OF CG, PER CAPITA INCOME, SECTORAL CONTRIBUTION IN GSDP</li> <li>2. AGRICULTURE IN CHHATTISGARH: IMPORTANT CROP, AGRICULTURE PRODUCTION &amp; PRODUCTIVITY, LAND USE, IRRIGATION FACILITIES, LAND HOLDING</li> <li>3. INDUSTRY IN CHHATTISGARH: MAJOR INDUSTRIES, INDUSTRIAL PROGRESS, DEVELOPMENT PROSPECTS OF MINERAL BASED INDUSTRIES IN CG.</li> <li>4. INFRASTRUCTURE IN CHHATTISGARH:ENERGY, TRANSPORTATION AND COMMUNICATION</li> </ol>	

**PART C: LEARNING RESOURCES (BOOKS RECOMMENDED)**

AUTHOR	TITLE	PUBLISHER
Uma Kapila	India Economy: Performance & Policies	Academic Foundation
Datt, Ruddar & K.P.M. Sundharam	Indian Economy	S. Chand & Co. new Delhi
Mishra & Puri	Indian Economy	Himalaya Publishing House

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Govt. of India	Economic Survey (Various Issues)	Govt. of India
Brahmanand, P.R. & V.R. Panchmukhi (Eds)	The development process of the Indian Economy	Himalaya Publishing, Mumbai
मिश्रा एवं पुरी	भारतीय अर्थव्यवस्था	हिमालया पब्लिशिंग हाउस
अग्रवाल, ए. एन.	भारतीय अर्थव्यवस्था	न्यू ऐज इंटरनेशनल पब्लिशर्स
मिश्र, जे. पी.	भारतीय अर्थव्यवस्था	साहित्य भवन पब्लिकेशन, आगरा
छत्तीसगढ़ सरकार	आर्थिक सर्वेक्षण	आर्थिक एवं सांख्यिकीय संचालनालय, रायपुर
<b>SUGGESTED DIGITAL PLATFORM</b>		
1.	<a href="https://epgp.inflibnet.ac.in">https://epgp.inflibnet.ac.in</a>	
2.	<a href="https://vidyamitra.inflibnet.ac.in">https://vidyamitra.inflibnet.ac.in</a>	
3.	<a href="https://vidyamitra.inflibnet.ac.in/index.php/search">https://vidyamitra.inflibnet.ac.in/index.php/search</a>	
4.	<a href="https://www.swayamprabha.gov.in">https://www.swayamprabha.gov.in</a>	
5.	<a href="https://www.rbi.org.in/">https://www.rbi.org.in/</a>	
6.	<a href="http://descg.gov.in">http://descg.gov.in</a>	
7.	<a href="https://www.indiabudget.gov.in/economicsurvey/">https://www.indiabudget.gov.in/economicsurvey/</a>	
8.	<a href="https://www.cso.ie/en/index.html">https://www.cso.ie/en/index.html</a>	
<b>PART-D ASSESSMENT &amp; EVALUATION</b>		
Recommended Continuous Evaluation Methods: Maximum Marks: 100 Continuous Comprehensive Evaluation (CCE): 0 Marks, University Exam (UE):100 marks		
Internal Assessment: Continuous Comprehensive Evaluation (CCE):0	Class Test Assignment/Presentation	0 Marks 0 Marks
External Assessment: University Exam Section:100 Time: 3 hrs.	10 questions (02 from each unit). Attempt one question from each unit.	20 marks each

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## त्रिवर्षीय स्नातक पाठ्यक्रम

### विषय - संस्कृत

(राष्ट्रीय शिक्षा नीति 2020 पर आधारित प्रस्तावित पाठ्यक्रम)

स्नातक प्रथम वर्ष, द्वितीय वर्ष एवं तृतीयवर्ष हेतु संस्कृत विषय के दो-दो प्रश्नपत्र 75 अंकों के होंगे, जिनमें 60 अंकों की लिखित परीक्षा होगी और आन्तरिकमूल्यांकन(सतत व्यापक मूल्यांकन) 15 अंकों का होगा। प्रत्येक प्रश्नपत्र पाँच इकाइयों में विभक्त होगा और प्रत्येक इकाई 12 अंकों की होगी।

#### Programme Outcome

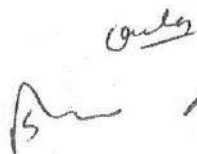
छात्रों में लेखन एवं वाचन में भाषागत कौशल का विकास होगा।  
भाषिक ज्ञान के साथ अभिव्यक्ति क्षमता का विकास होगा।  
प्राचीन भारतीय विद्या की जानकारीपूर्वक राष्ट्रगौरव की चेतना विकसित होगी।  
भारतीय सांस्कृतिक परम्परा से अवगत होकर विश्वमानवता के भाव में प्रतिष्ठित होंगे।  
नैतिक तथा मानवीय मूल्यों को आत्मसात् कर राष्ट्रोन्नति में एक सक्षम मानव संसाधन सिद्ध होंगे।

#### Programme Specific Outcome

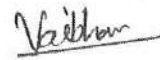
विश्व की सर्वाधिक वैज्ञानिक भाषा संस्कृत के स्वर्णिम अतीत तथा वर्तमान युग में उसकी प्रासंगिकता का अवबोध होगा।  
संस्कृतभाषा में रचित अनेक शास्त्रों के अनुशीलन से शास्त्रीय ज्ञान सह तर्कपूर्ण मौलिक चिन्तन की क्षमता निर्मित होगी।  
संस्कृत काव्य की विविध विधाओं से परिचय के फलस्वरूप भाषामर्मज्ञता का विस्तार होगा।  
संस्कृत व्याकरण के अध्ययन से उच्चारण-लेखन की भाषिक दक्षता प्राप्त होगी।  
भारतीय मनीषा द्वारा विश्व को प्रदत्त ज्ञानावदान की जानकारी राष्ट्रगौरवानुभूतिपूर्वक मौलिक चिन्तन-सर्जन की प्रेरणा प्रदान करेगी।















## Course Outcome

प्राचीन नाट्य साहित्य के अनुशीलन से तत्कालीन समाज तथा लोक-व्यवहार एवं भाषा आदि का ज्ञान होगा ।

मानवीय जीवनमूल्य, संवेदनाओं तथा गुणों को आत्मसात् करने की प्रेरणा मिलेगी ।

विश्वस्वीकृत सर्वश्रेष्ठ व्याकरणशास्त्र की विशेषताओं से परिचय होगा ।

वर्णमाला की गहन जानकारीपूर्वक शब्दों के योग तथा विच्छेद का ज्ञान प्राप्त होगा ।

शब्दों के आधिकारिक ज्ञान के साथ संभाषण एवं लेखन में दक्षता प्राप्त होगी ।

## बी.ए. प्रथम वर्ष

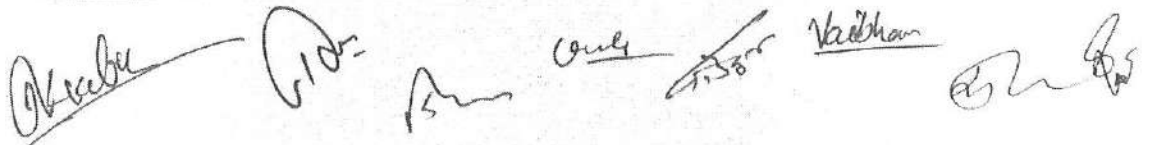
प्रथम प्रश्नपत्र - नाटक, व्याकरण और भाषाकौशल Paper Code- Y101

पूर्णांक- 60

प्रस्तावित व्याख्यान 90

6 Credit

इकाई	पाठ्यविषय	व्याख्यान-संख्या
1	स्वप्नवासवदत्तम् – प्रथम से चतुर्थ अंक पर्यन्त । (व्याख्या तथा समीक्षात्मक प्रश्न)	20
2	स्वप्नवासवदत्तम् – पंचम अंक से समाप्तिपर्यन्त । (व्याख्या तथा समीक्षात्मक प्रश्न)	15
3	संस्कृत संभाषण तथा लेखन – (निम्नलिखित अनुसार शिक्षण केन्द्रित होगा ।) सुबन्त (शब्दरूप) - देव, गति, भानु, पितृ, करिन्, भवत्, कर्तृ, आत्मन्, लता, मति, नदी, मातृ, फल, सर्व, तद्, एतद्, यद्, इदम्, अस्मद्, युष्मद्, एक, द्वि, त्रि, चतुर् । तिङन्त (धातुरूप) - परस्मैपदी - भू, पठ्, गम्, अस्, पा, स्था, दृश्, दा, कृ, तुद्, चुर्, दिव् । आत्मनेपदी - सेव्, रम्, रुच्, मुद्, लभ्, जन्, वृत्, वृध् । अव्यय - अत्र, यत्र, तत्र, कुत्र, अन्यत्र, सर्वत्र, एकत्र, अधुना, इदानीम्, अद्य, श्वः, परश्वः, ह्यः, परह्यः, आम्, न, पुरतः, पृष्ठतः, वामतः, दक्षिणतः, उपरि, अधः, यदा, तदा, कदा, सदा, सर्वदा, किम्, कुतः, कति, किमर्थम्, अतः ।	15



4	सन्धि - अच्, हल् तथा विसर्ग सन्धि (लघुसिद्धान्तकौमुदी से अध्येतव्य)	20
5	प्रत्याहार, संज्ञा और विभक्त्यर्थ प्रकरण (लघुसिद्धान्तकौमुदी से अध्येतव्य)	20

अनुशंसितग्रन्थ -

1. स्वप्रवासवदत्तम् -श्री तारिणीश झा, प्रकाशक -रामनारायण बेतीमाधव, इलाहाबाद
2. स्वप्रवासवदत्तम्-वासुदेव कृष्ण चतुर्वेदी, प्रकाशक -महालक्ष्मी प्रकाशन, आगरा
3. प्रारम्भिक रचनानुवादकौमुदी - डा. कपिलदेवद्विवेदी, प्रकाशक- विश्वविद्यालय प्रकाशन, वाराणसी
4. रचनानुवादकौमुदी - डा. कपिलदेवद्विवेदी, प्रकाशक- विश्वविद्यालय प्रकाशन, वाराणसी
5. अनुवाद चन्द्रिका -डा. यदुनन्दन मिश्र, प्रकाशक -चौखम्बा ओरियन्टलिया, दिल्ली
6. संस्कृतमेंअनुवादकैसेकरें - उमाकान्तमिश्रशास्त्री, प्रकाशक - भारतीभवन
7. लघुसिद्धान्तकौमुदी - श्रीमहेशसिंहकुशवाहा, प्रकाशक - चौखम्बाविद्याभवन, वाराणसी
8. लघुसिद्धान्तकौमुदी - रामविलास चौधरी, प्रकाशक - मोतीलाल बनारसीदास, वाराणसी
9. रूपचन्द्रिका - ब्रह्मानन्द त्रिपाठी, प्रकाशक -चौखम्बाविद्याभवन, वाराणसी
10. संस्कृतस्यव्यावहारिकस्वरूपम् - डा. नरेन्द्र, प्रकाशक -श्रीअरविन्दआश्रम

मूल्यांकन योजना		(अधिकतम अंक 75)
विश्वविद्यालयीन परीक्षा	पाँचों इकाई से पाठ्य-विषय अनुसार विकल्प सहित 12-12 अंकों के प्रश्न पूछे जायेंगे। 5 x 12 = 60	60 अंक
आन्तरिक (सतत व्यापक मूल्यांकन)	पाठ्यक्रम सम्बन्धित-परियोजना /असाइनमेंट / पेपर प्रेजेंटेशन / आवधिक परीक्षण 10 अंक संस्कृत संभाषण (मौखिकी) 5 अंक	15 अंक

### Course Outcome

विश्व के प्राचीनतम, तथा भारत के ज्ञानागारभूत ग्रन्थऋग्वेद तथा अन्य वैदिक, पौराणिक साहित्य के अनुशीलन से प्राचीन ज्ञान-सम्पदा का बोध होगा।  
वैदिक साहित्य में प्रतिपादित विश्वबन्धुत्व, सर्वात्मभाव तथा समत्वचिन्तन के उच्च आदर्शों से मानवीय सद्गुणों का आधान एवं विकास होगा।  
उपदेशात्मक ग्रन्थ से नैतिक एवं व्यावहारिक ज्ञान की लब्धि होगी।  
ज्ञानार्जन के साथ उच्चारण एवं भाषिक क्षमता में अभिवृद्धि होगी।  
आधुनिक युग की संस्कृत रचनाओं की जानकारी प्राप्त होगी।

### बी.ए. प्रथम वर्ष

द्वितीय प्रश्नपत्र - प्राचीन एवं आधुनिक साहित्य Paper Code - Y102

पूर्णांक - 60

6 Credit

प्रस्तावित व्याख्या 90

इकाई	पाठ्यविषय	व्याख्यान-संख्या
1	वैदिक एवं पौराणिकसाहित्य - वेद, ब्राह्मण, आरण्यक, उपनिषद्, वेदांगों एवं पुराणों का संक्षिप्त परिचय	20
2	वैदिक साहित्य में विश्वबन्धुत्व, सर्वात्मभाव एवं समत्वचिन्तन। ऋग्वेद, संज्ञानसूक्त(10.191) के मन्त्र सं. - 2,3,4 ऋग्वेद, पुरुषसूक्त का मन्त्र सं.- 2 ऋग्वेद, विश्वेदेवासःसूक्त (1.89) के मन्त्र सं. -6,8 यजुर्वेद 31 वें अध्याय का मन्त्र सं.- 19 यजुर्वेद 36 वें अध्याय का मन्त्र सं.- 18 कठोपनिषद् का शान्तिमन्त्र तथा द्वितीय अध्याय, द्वितीय वल्ली के श्लोक सं. - 9, 10, 12. मुण्डकोपनिषद् का श्लोक सं. 3.1.3 छान्दोग्योपनिषद् का श्लोक सं. 3.14.1	15
3	शुकनासोपदेश- व्याख्या तथा समीक्षात्मक प्रश्न	15

*(Handwritten signatures and marks)*



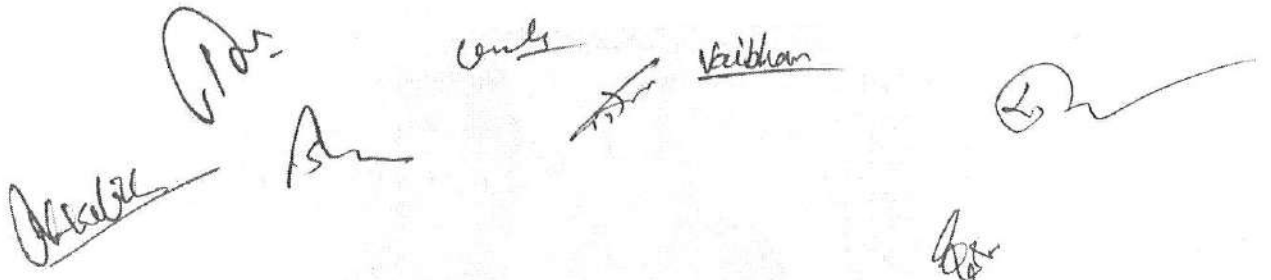
4	हितोपदेशः (मित्रलाभः) - व्याख्या तथा समीक्षात्मक प्रश्न	20
5	आधुनिक संस्कृत कवि-परिचय - अप्पाशास्त्रीराशिवडेकर, पण्डिता क्षमा राव, जगन्नाथ पाठक, श्रीनिवासरथ, जानकीवल्लभ शास्त्री, वेंकटरामराघवन, अभिराजराजेन्द्र मिश्र, डा. राधावल्लभ त्रिपाठी, हर्षदेव माधव, डा. रेवा प्रसाद द्विवेदी, डा. पुष्पा दीक्षित, डा. कामता प्रसाद त्रिपाठी.	20

अनुशंसितग्रन्थ -

1. ऋक्सूक्तसंग्रह - तारिणीश झा, प्रकाशक - प्रकाशन केन्द्र, लखनऊ
2. ऋग्वेदसंहिता - श्रीमन्मोक्षमूलर भट्ट, प्रकाशक - कृष्णदास अकादमी, वाराणसी
3. शुक्लयजुर्वेद संहिता - श्रीरामकृष्ण शास्त्री, प्रकाशक - चौखम्बा विद्याभवन वारासी
4. पुराण-विमर्श - आचार्यबलदेवउपाध्याय, प्रकाशक - चौखम्बाविद्याभवन, वाराणसी
5. वैदिकसाहित्यस्येतिहासः - डा. राजधर मिश्रः, प्रकाशक - श्याम प्रकाशन, जयपुर
6. वैदिकसाहित्यऔरसंस्कृति - आचार्यबलदेवउपाध्याय, प्रकाशक - शारदा मन्दिर, काशी
7. वैदिकसाहित्यऔरसंस्कृति - वाचस्पति गैरोला, प्रकाशक - चौखम्बा संस्कृत प्रतिष्ठान, वाराणसी
8. संस्कृतसाहित्यकाइतिहास - आचार्यबलदेवउपाध्याय, शारदा निकेतन, वाराणसी
9. संस्कृतसाहित्यकासमीक्षात्मक इतिहास - डा. कपिलदेव द्विवेदी
10. कठोपनिषद्, प्रकाशक - गीताप्रेस, गोरखपुर
11. माण्डूक्योपनिषद्, प्रकाशक - गीताप्रेस, गोरखपुर
12. छान्दोग्योपनिषद्, प्रकाशक - गीताप्रेस, गोरखपुर
13. शुकनासोपदेश - प्रकाशक - मोतीलालबनारसीदास, वाराणसी
14. हितोपदेश (मित्रलाभ) - प्रकाशक - मोतीलालबनारसीदास, वाराणसी

15. हितोपदेश (मित्रलाभ) -आचार्य श्रीशेखराज शर्मा रेग्मी, प्रकाशक - चौखम्बा सुरभारती प्रकाशन, वाराणसी
16. हितोपदेश- नारायणराम आचार्य तीर्थ, प्रकाशक -चौखम्बाविद्याभवन, वाराणसी
17. नवस्पन्द सम्पादक - डा. राधावल्लभ त्रिपाठी, प्रकाशक - मध्यप्रदेश हिन्दी ग्रन्थ अकादमी, भोपाल

मूल्यांकन योजना		(अधिकतम अंक 75)
विश्वविद्यालयीन परीक्षा	पाँचों इकाई से पाठ्य-विषय अनुसार विकल्प सहित 12-12 अंकों के प्रश्न पूछे जायेंगे। 5 x 12 = 60	60 अंक
आन्तरिक (सतत व्यापक मूल्यांकन)	पाठ्यक्रम सम्बन्धित-परियोजना /असाइनमेंट / पेपर प्रेजेंटेशन / आवधिक परीक्षण इकाई 2 (वैदिक साहित्य में विश्वबन्धुत्व, सर्वात्मभाव एवं समत्वचिन्तन) से मौखिकी	10 अंक 5 अंक 15 अंक


 A collection of handwritten signatures and initials in black ink, including names like 'Anand', 'Vaidhan', and others, scattered across the bottom of the page.

कार्य वृत्त :-दिनांक 03/03/2023 को पूर्वाह्न 12:00 बजे केन्द्रीय अध्ययन मंडल, भूगोल की बैठक भूगोल अध्ययनशाला, पं. रविशंकर शुक्ल वि.वि., रायपुर में आयोजित हुई जिसमें निम्नानुसार अनुशंसा की गई :-

कार्य सूची - 1 के संदर्भ में सदस्यों द्वारा बी.ए./बी. एस. सी - प्रथम, द्वितीय एवं तृतीय वर्ष, 2023-24 के पाठ्यक्रम के विषय में चर्चा की गई तथा बी.ए./बी. एस. सी. - प्रथम, द्वितीय एवं तृतीय वर्ष, 2022-23 के पाठ्यक्रम में संशोधन कर निम्नलिखित संशोधित पाठ्यक्रम अनुशंसित किया गया -

### Brief Summary

### 3 Year Integrated UG Courses (B.A./B. Sc.) in Geography

#### B.A. /B.Sc. Part I

The B.A. /B.Sc. Part-I Examination in Geography will be 150 marks. There will be two theory papers and one Practical each of 50 marks as follows:

Paper - I	Physical Geography
Paper - II	Human Geography
Paper - III	Practical Geography

#### B.A. /B.Sc. Part-II

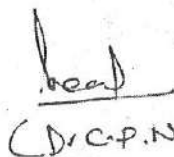
The B.A./B.Sc. Part-II Examination in Geography will be 150 marks. There will be two theory papers and one Practical each of 50 marks as follows:

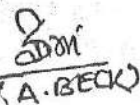
Paper-I	Economic and Resources Geography
Paper-II	Regional Geography of India
Paper-III	Practical Geography

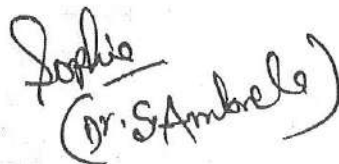
#### B.A. /B.Sc. Part III

The B.A. /B.Sc. Part III Examination in Geography will be 150 marks. There will be two theory papers and one Practical each of 50 marks as follows

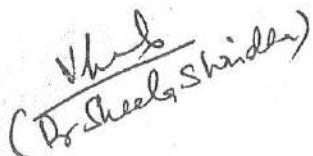
Paper - I	Remote Sensing and GIS
Paper - II	Geography of Chhattisgarh
Paper - III	Practical Geography

  
(Dr. C.P. Nand)

  
(A. Beck)

  
(Dr. S. Ambekar)



  
(Dr. Sheela Shinde)

Program: B.A./B.Sc.		Class: I Year.	Session : 2023-24
<b>Paper I: Physical Geography (UGeo-0101)</b>			
<b>Course Learning Outcome (CLO)</b>	<p>After the completion of course, the students will have ability to:</p> <ol style="list-style-type: none"> <li>1. Understand the internal structure of the earth, rocks that compose it and forces within the earth that act to deform it.</li> <li>2. Analyze how the natural and anthropogenic operating factors affect the development of land forms.</li> <li>3. Understand about the denudation processes that unceasingly act at the earth's surface to shape land forms and reduce relief.</li> <li>4. Assess the role of structure, stage and time in shaping the land forms.</li> <li>5. Identify the Atmospheric pressure, winds humidity, concept of precipitation, its types and understand the Air Masses and Fronts and the Weather Forecasting.</li> <li>6. Identify the relief of the ocean bottom, temperature, salinity of ocean water, tide, currents coral reef and oceanic resources.</li> </ol>		
<b>Content of the Course</b>			
<b>Unit</b>	<b>Topic</b>		
1.	Origin of the Earth, Geological Time Scale, Earth's Interior, Continental Drift Theory (Wegner), Plate Tectonics, Isostasy.		
2.	Earth movements: Earthquakes and Volcanoes, Rocks, Weathering, Erosion and Normal cycle of erosion, Evolution of landscapes: Fluvial, Aeolian (Arid and Semi Arid), Glacial, Karst.		
3.	Elements of Weather and Climate, Composition and Structure of the Atmosphere. World patterns of Atmospheric Temperature, Pressure, and Winds.		
4.	Atmospheric Humidity and Disturbances, Climatic Classification of Koppen, Geographical account of world climate patterns: Equatorial, Monsoon, Desert and Tundra.		
5.	Bottom relief of Ocean, Distribution of Temperature and Salinity of Oceans and Seas, Currents and Tides, Ocean Deposition. Law of the Sea.		
<b>Learning Resources: Text Books, Reference Books, Other Resources</b>			
<b>Suggested Readings:</b>			
<ol style="list-style-type: none"> <li>1. Ahnmed, E.: Coastal Geomorphology of India.</li> <li>2. Chorley, R. J.: Spatial Analysis in Geomorphology, Methuen, London, 1972.</li> <li>3. Dayal, P. : A Text book of Geomorphology, R.K. Books, New Delhi.</li> <li>4. Gautam, Alka : Geomorphology, Sharda Pustak Bhawan, Allahabad.</li> <li>5. Holms, A.: Principles of Physical Geology, Thomas Nelson, London.</li> <li>6. Jha, V.C. : Geomorphology, Vasundhara Publication, Gorakhpur.</li> <li>7. Sparks, B.W. Geomorphology, Longman, London, 1960.</li> <li>8. Sharma, H.S. (cd.): Perspective in Geomorphology, Concept, New Delhi, 1980.</li> <li>9. Singh, S : Geomorphology, Prayag Publication, Allahabad, 1998.</li> <li>10. Steers, J.A. : The Unstable Earth Methuen, London.</li> <li>11. Thornbury, W.I.). Principles of Geomorphology, John Wiloy, New York, 1960.</li> <li>12. Strahler, A.N.: Physical Geography, Willey, New York.</li> <li>13. सिंह.एम.बी.(2001) : भौतिक भूगोल, तारा बुक ऐजेन्सी, वारणासी।</li> <li>14. सिंह, सविन्द्र (2016) : भौतिक भूगोल, प्रयाग पुस्तक भवन, इलाहाबाद।</li> <li>15. दयाल, परमे वर (2012) : भौतिक भूगोल, पंच गील प्रकाशन, जयपुर।</li> <li>16. हुसैन, माजिद (2008) : भौतिक भूगोल, रावत पब्लिकेशन, जयपुर।</li> </ol>			
Suggested equivalent online course: 1. <a href="http://epgp.inflibnet.ac.in">epgp.inflibnet.ac.in</a> 2. virtual lectures available on youtube			

*Dr. Sheela Shinde*

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Program: B.A./B.Sc.		Class: 1 Year.	Session : 2023-24
<b>Paper II: Human Geography (UGeo-0102)</b>			
<b>Course Learning Outcome (CLO)</b>	After the completion of course, the students will have ability to:		
	1. Discuss and describe the major concepts and key principles of Human Geography including place, space, scale and landscape. 2. Appreciate the diversity of the cultural backgrounds and places. 3. Problem solving from a geographic perspective by understanding the role location plays.		
<b>Content of the Course</b>			
<b>Unit</b>	<b>Topic</b>		
1.	Meaning, Definition, Nature and Scope of Human Geography, Man - environment relationship: Determinism, Possibilism, Determinism, Neo-Determinism and Probabilism; Human Development Index (HDI).		
2.	Human Races: Formation and Evolution, Characteristics, Classification and Distribution. Human adaptation to environment: Eskimos, Bushman, Pigmy and Masai.		
3.	Growth, Density and Distribution of World Population and factors influencing spatial distribution. Over, Under, and Optimum Population; Migration of Population.		
4.	Rural Settlements: Characteristics, Types and Regional Pattern, Rural Houses in India, Urban Settlement- Types and Pattern.		
5.	Environmental Issues: Global Warming, Climate Change, Acid rain, Deforestation, Desertification, Air, Water and Soil Pollution.		
<b>Learning Resources :Text Books, Reference Books, Other Resources</b>			
<b>Suggested Readings:</b>			
1. Chisholm, M. (1985): Human Geography, 2nd edition, Penguin Books, London. 2. De Blij, H.J.(1996): Human Geography: Culture, Society and Space., 2nd edition. John Wiley and Sons, New York, 3. Fellman, J. D., Arthur, G., Judith, G., Hopkins, J. and Dan, S. (2007): Human Geography: Landscapes of Human Activities. McGraw-Hill, New York. 10 <sup>th</sup> edition. 4. Haggett, P. (2004): Geography: A Modern Synthesis. 8th edition, Harper and Row, New York. 5. Huggett, R. J. (1998): Fundamentals of Biogeography, Routledge, London. 6. Hussain, M. (1994): Human Geography, Rawat Publications, Jaipur. 7. Johnston, R. J., Gregory, D., Pratt, G. and Watts, M. (2009): The Dictionary of Human Geography. 5th edition, Basil Blackwell Publishers, Oxford. 8. Norton, W. (2008): Human Geography, Oxford University Press, New York. 5 <sup>th</sup> ed. 9. Singh, K. N. and Singh, J. (2001): <i>Manav Bhugol</i> . Gyanodaya Prakashan, Gorakhpur. 2 <sup>nd</sup> edition. 10. Singh, L.R. (2005): Fundamentals of Human Geography, Sharda Pustak Bhawan, Allahabad 11. Smith, D. M.(1977): Human Geography- A Welfare Approach, Edward Arnold (Publishers) Ltd., London			
Suggested equivalent online course:			
eppg.inflibnet.ac.in      2. virtual lectures available on YouTube			

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(Dr. Shubendra Shrivastava)



Program: B.A./B.Sc.		Class: I Year.	Session : 2023-24
<b>Paper III : Practical Geography (UGeo-0103)</b>			
Course Learning Outcome (CLO)	After the completion of course, the students will have ability to: 1. Develop hands on skills in diagrammatic representation of data. 2. Comprehend thematic mapping techniques, its cartographic representation and interpretation. 3. Take up Cartography as a profession.		
<b>Content of the Course</b>			
<b>Unit</b>	<b>Topic</b>		
<b>Section A: Cartography And Statistical Methods</b>			<b>MM- 25</b>
1.	Basic concept of Latitude and Longitude. Identification of tropic of Cancer, Capricorn and equator on map, name of country and state. Northern hemisphere and southern hemisphere. Practice on world and India map.		
2.	Scale: Statement Scale, Representative Fraction (R.F.), Linear scale – Simple, Diagonal, Comparative, and Time Scales.		
3.	Methods of showing relief; Meaning of contour, basic features of Contours line, Hachures; Representation of different landforms by Contours; Conical hill, Plateau, V and U shape valley, Waterfall.		
4.	Graphs and Diagram: Triangular graph, Bar Diagram (Simple and Composite and multiple), Circle Diagram, Pie Diagram.		
5.	Statistical Technique: Mean Median, Mode		
<b>Section B: Surveying</b>			<b>MM-15</b>
6.	Chain and Tape Survey. Triangulation method, Open Traverse and Closed Traverse		
<b>Section C: Practical Record And Viva Voce</b>			<b>MM-10</b>
<b>Learning Resources: Text Books, Reference Books, Other Resources</b>			
<b>Suggested Readings:</b>			
1. Davis, R.E. and Foote, F.S. (1953): Surveying, 4 <sup>th</sup> edition, McGraw Hill Publication, New York			
2. Jones, P.A.(1968): Fieldwork in Geography, Longmans, Green and Company Ltd., First Publication, London			
3. Monkhouse, F. J. and Wilkinson, F.J. (1985): Maps and Diagrams. Methuen, London			
4. Natrajan, V. (1976): Advanced Surveying, B.I. Publications., Mumbai			
5. Raisz, E. (1962): General Cartography. John Wiley and Sons, New York. 5 <sup>th</sup> edition.			
6. Sarkar, A. K. (1997): Practical Geography: A Systematic Approach. Orient Longman, Kolkata.			
7. Singh, R.L. and Singh, Rana P.B. (1993): Elements of Practical Geography. (Hindi and English editions). Kalyani Publishers, New Delhi,.			
8. Singh, L.R. (2006): Fundamentals of Practical Geography, Sharda Pustak Bhawan, Allahabad.			
9. Venkatramaiah, C. (1997): A Text Book of Surveying, Universities Press, Hyderabad.			
10. षर्मा, जे.पी. (2001) : प्रायोगिक भूगोल, रस्तोगी पब्लिकेशन, मेदूर			
11. मिश्रा, आर.एन.एवं पी.के.षर्मा (2019) : प्रायोगिक भूगोल, रावत पब्लिकेशन, जयपुर			
12. तिवारी, आर.सी.एवं सुधाकर त्रिपाठी (2009) : अभिनव प्रायोगात्मक भूगोल, प्रयाग पुस्तक भवन			
13. मॉक हाऊस तथा विल्किन्सन (अनुवाद प्रो. प्रेमचन्द्र अग्रवाल) : मानचित्र तथा आरेख, मध्यप्रदेश हिंदी इलाहबाद ग्रंथ अकादमी भोपाल			
<b>Suggested equivalent online course:</b>			
1. <a href="http://epgp.inflibnet.ac.in">epgp.inflibnet.ac.in</a> 2. virtual lectures available on you tube			






**SOCIOLOGY**  
**B.A. PART-I**  
**Paper – I**  
**INTRODUCTION TO SOCIOLOGY**  
**(Paper Code – SO-105)**

**Maxi. Marks- 75**

- UNIT-I **Sociology:** Meaning, Nature, Scope, Subject Matter and Significance.  
**Basic concept:** Society, Community, institution, Association, group, Status and role.
- UNIT-II **Social Institutions:** Family, Marriage and Kinship.  
**Culture and Society:** Culture, Socialization, The individual and society, social control, norms, values.
- UNIT-III **Social Stratification:** Mobility - Meaning forms and theories.  
**Social Mobility:** Meaning forms and theories.
- UNIT-IV **Social change:** Meaning and Pattern, types, factors, evolution and progress.
- UNIT-V **Social Systems and Processes:** Social System – Meaning, characteristics and elements.  
**Social process:** Meaning, elements, characteristics and types.

**Recommended Books:**

- 1 Bottomore T.B., Sociology- A guide to Problems and Literature, Bombay. George Allen and unwin(India) 1972.
- 2 Inkeles, Alex, What is Sociology ? New Delhi, Prentice Hall of India 1987.
- 3 Jayram, N- Introductory Sociology, Madras MaCmillan India 1988.
- 4 Johnson Harry, M., Sociology of systematic Introduction New Delhi Allied Publishers 1995.

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*Dr. J.L. Patke*

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*22-02-2023*  
*(Dr. Nitesh Kojur)*

*22.02.2023*  
*(N.S.EKKA)*

**SOCIOLOGY**  
**B.A. PART-I**  
**PAPER-II**  
**CONTEMPORARY INDIAN SOCIETY**  
**(Paper Code- SO-106)**

**Maxi. Marks- 75**

**UNIT-I Classical View about Indian Society :: Varna, Ashram, Karma, Dharma and Purusharth**

**UNIT-II The Structure and composition of Indian Society.**  
**Structure:** Village, Towns, Cities and Rural – Urban Linkage.  
**Compositions:** Tribes, Dalits, Women and Minorities.

**UNIT-III Basic Institutions of Indian Society**  
Caste system, Joint Family, Marriage and Changing dimensions.

**UNIT-IV Familial Problems:** Dowry, Domestic violence, Divorce, Intra-intergenerational conflict, problem of elderly.

**UNIT-V Folk Culture of Chhattisgarh-** A. Customs, B. Traditions, C. Food Habits and D. Festivals

**Recommended Books:**

1. Dube, S.C. 1995. Society in India, New Delhi: National Book Trust.
2. Mandelbaum, D.G. 1970. Society in India, Bombay ; Popular Prakashan.
3. Shrinivas, M.N. 1973. Social Change in Modern India, California : University of California Press.
4. Shrinivas, M.N. 1973. Social Change Structure, New Delhi : Hindustan Publishing Corporation.
5. Uberoi Patricia, 1993. Family and Marriage in India, New Delhi : Oxford University press.

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*Praveen Mishra*  
*22.2.23*

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*(N.S.K.A.)*



Abeda Begum, head of the department . Govt . Kamla devi rathi Girls PG College  
Rajnandgaon

Head Board of Studies political science hemchand Yadav University.

Head Board of Studies political science Atal Bihari Vajpayee University Bilaspur  
Chhattisgarh .

Head Board of Studies political science Shahid Mahendra Karma University  
Jagdalpur Chhattisgarh .

Head Board of Studies political science Sant gahira Guru University Ambikapur  
Surguja.

Chhattisgarh head of the department political science government EV PG College  
Korba Chhattisgarh.

Head department political science Government Girls PG College Ambikapur.  
Chhattisgarh.

Head of the department political science Government Girls College Jagdalpur  
Chhattisgarh .

Head of the department of political science PG College Surajpur Chhattisgarh.

Professor Anupam Sharma head of the department political science Indira Gandhi  
tribal University Amarkantak Madhya Pradesh.

Dr. Kamlesh Dube political science Government PG College ramanujganj.

Mrs Anamika Jha assistant professor political science government Kakatiya PG  
College Jagdalpur Chhattisgarh.

Dr D S Jagat joint director Higher Education Department new Raipur Chhattisgarh.

**Business transacted :**

1. Members of the Central Board of Studies for Political Science prepared the  
Syllabus of B.A. The Political Science program consists of three year annual  
undergraduate program which includes.

B.A - Bachelor of arts

Syllabus is as per the notifications 969/academic/2023/ dated 11/1/23 and  
971/academic/2023/ dated 11/1/23 / of the university.

2. first year students shall have

- Paper 1st :- Political theory राजनीतिक सिद्धान्त
- Paper 2nd - Indian government and politics भारतीय शासन एवं राजनीति

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3- second year students shall have

- Paper 1st :- Political thought राजनीतिक चिन्तन
- Paper 2nd - Comparative government and politics भारतीय शासन एवं राजनीति  
लुसनात्मरु

4- Third year students shall have

- Paper 1st :- International Politics and foreign policy of India अन्तर्राष्ट्रीय राजनीति एवं भारत की विदेश नीति
- Paper 2nd - Public Administration लोक प्रशासन

बी. ए. प्रथम, प्रश्न पत्र प्रथम B. A. First Paper 1st पूर्णांक 75

राजनीतिक सिद्धान्त Political Theory  
COURSE OUTCOMES

Theory is the starting point of any social sciences that is why political theory is almost universal in BA part one syllabus of political science. Therefore it is pertinent to make students acquainted with proposed course to the students with fundamental theories of political science. Basic Knowledge of important concepts such as Liberty, Justice, Citizenship, Representation, rule of law . Role of political theory to understand political science and political life as well.

COURSE SPECIFIC OUTCOMES	
	After completion of the course, the student shall have a fair idea about
CSO 1	The meaning of nature and scope and scientific instinct of political science .
CSO 2	The state as a core concept of political science . Its evolution theories and relation with individuals .
CSO 3	The role of liberty and the question of equality in democracy . Evolution of democracy and its theories .
CSO 4	The concept of constitution, separation of powers and theory of representation.
CSO 5	The functional machinery of electoral democracy like political party system and pressure groups. Role of State as welfare agency , and as an agency of social change .

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## इकाई 1

राजनीति विज्ञान का अर्थ परिभाषाएं - पारम्परिक एवं आधुनिक, अध्ययन का महत्व । शक्ति, सत्ता - अर्थ, विशेषताएं प्रकार वैधता- अवधारणा, शक्ति सत्ता एवं वैधता का सम्बन्ध । राजनीति विज्ञान की अध्ययन पद्धतियां - परम्परागत एवं आधुनिक । व्यवहारवाद एवं उत्तर व्यवहारवाद ।

## Unit 1

Meaning definitions of political science - traditional and modern, importance of the study of political science. Power, Authority - meaning, characteristics, types. Legitimacy - concept, relationship of power, authority and legitimacy. Study methods of political science Traditional and modern. Behaviouralism and post-behaviouralism.

## इकाई 2

राज्य : अवधारणा, राज्य का विकास, आवश्यक तत्व । राज्योत्पत्ति के विभिन्न सिद्धान्त, राज्य के सिद्धान्त मार्क्सवादी सिद्धान्त उदारवादी, नव उदारवादी, बहुलवादी, नारीवादी, । राज्य की भूमिका - लोक कल्याणकारी राज्य ।

## Unit 2

State: Concept, Development of State, Essential Elements. Various theories of state origin, Theories of state, Marxist, liberal, neo-liberal, pluralist, feminist. Role of the state - Public welfare state.

## इकाई 3

सम्प्रभुता : अर्थ, परिभाषा, विशेषताएं, सम्प्रभुता के सिद्धान्त : एकलवादी एवं बहुलवादी । बहुलवाद - अर्थ विशेषताएं । अधिकार : अर्थ, प्रकार, सिद्धान्त । कर्तव्य । स्वतन्त्रता : अर्थ प्रकार, स्वतंत्रता का सकारात्मक एवं नकारात्मक सिद्धान्त । समानता: अर्थ, प्रकार एवं स्वतन्त्रता से सम्बंध । प्रजातन्त्र : अर्थ, परिभाषाएं प्रजातंत्र के सिद्धान्त, सफलता के लिए आवश्यक दशाएं, प्रजातंत्र के समक्ष प्रमुख चुनौतियां । गुण-दोष । प्रत्यक्ष प्रजातन्त्र ।

## Unit 3

Sovereignty: Meaning, Definition, Characteristics, Principles of Sovereignty: Legal or Monistic and Pluralist. Pluralism : Meaning, Features. Rights : Meaning, types major Theories, Duties. Freedom: Meaning Types, Positive and Negative Theory of Freedom. Equality : Meaning type and relation to freedom. Democracy : Meaning definitions Principles of democracy. Necessary conditions for the success of Democracy. Major challenges before democracy. Merits and demerits. Direct democracy.

## इकाई 4

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शासन के प्रकार एकात्मक व संघात्मक संसदीय व अध्यक्षतात्मक, तानाशाही । शासन के अंग कार्यपालिका, व्यवस्थापिका न्यायपालिका शक्ति पृथक्करण का सिद्धान्त व नियंत्रण संतुलन का सिद्धान्त । संविधान अर्थ एवं प्रकार प्रतिनिधित्व के सिद्धान्त एवं निर्वाचन प्रणालियां । फासीवाद, सर्वसत्तावाद ।

#### Unit 4

Forms of Government: Unitary and Federal, Parliamentary and Presidential. Dictatorship. Organs of Government : Legislature, Executive and Judiciary. Theory of Separation of Powers and Checks and Balances. Constitution : meaning and kinds. Theories of representation and Electoral Process. Fascism, Totalitarianism .

#### इकाई 5

लोककल्याणकारी राज्य । दल पद्धति अर्थ प्रकार, प्रमुख सिद्धान्त , गुण दोष। दबाव समूह अर्थ प्रकार तकनीक । सामाजिक परिवर्तन : अर्थ, विशेषताएं प्रमुख सिद्धान्त । नारीवाद - अवधारणा, प्रमुख दृष्टिकोण । राष्ट्रवाद : अवधारणा, प्रमुख आयाम ।

#### Unit 5

Public Welfare State. Party System: meaning, kinds, major theories, merits and demerits. Pressure Groups: meaning, kinds and technique. Social Change : meaning, characteristics, theories. Feminis. Concept, main approaches to feminism. Nationalism: concept, major dimensions .

### Suggested readings

1. M.P. Jain (1985) Political Theory, Liberal and Marxian, Authors Guild Publications, Delhi.
2. S.P. Verma (1992) Modern Political Theory, Vikas Publishing House, Pvt. Ltd., New Delhi.
3. R.C. Vermani (1997) An Introduction to Political Theory, Gitanjali Publishing House, New Delhi.
4. Rajeev Bhargava and Ashok Acharya (eds) (2017) Political Theory: An Introduction, Pearson, New Delhi.
5. C. McKinnon (ed.) (2008) Issues in Political Theory Oxford University Press, New York.
6. A. Swift (2001) Political Philosophy: A Beginners Guide for Students and Politicians, Cambridge Press.
7. R. Dahl, I. Shapiro and A.J. Cheibub (eds.) (2003) The Democracy SourceBook, Massachusetts: MIT Press, Cambridge.
8. O.P. Gauba (2014) An Introduction to Political Theory, MacMillan Publishers, Delhi.
9. Andrew Heywood (2015) Political Theory: An Introduction, Palgrave Macmillan, London.

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10. Andrew Shorten (2016) Contemporary Political Theory, Palgrave Macmillan, London.
11. David Held (ed.) (1991) Political Theory Today, Stanford University Press.
12. Sushila Ramaswamy (2015) Political Theory: Ideas & Concepts, PHI Learning Private Limited, Delhi.
13. Adi H. Doctor (1985) Issues in Political Theory, Sterling Publishers Pvt. Ltd. New Delhi
14. A. C. Kapoor (2009) Principles of Political Science, S. Chand Publishing, Delhi.
15. Eddy Asirvatham & K.K. Mishra (2010) Political Theory, S. Chand Publishing Delhi.
16. Vidya Dhar Mahajan (2013) Political Theory (Principles of Political Science), S. Chand Publishing, Delhi.

आशीर्वादम (1985) : राजनीतिक सिद्धांत - एस चन्द एण्ड कम्पनी | नई दिल्ली ।

अंबादत्त पंत हरिमोहन जैन मदन गोपाल (1985) : राजनीतिक सिद्धांत - । सेन्ट्रल पब्लिशिंग हाउस।  
इलाहाबाद । उ.प्र.

शकील हुसैन (2018) : राजनीतिक सिद्धांत : अवधारणात्मक परिचय । छ.ग. राज्य हिन्दी ग्रन्थ अकादमी .  
रायपुर, छ. ग

<https://youtu.be/o05qcwF3 Mk>

Note: Students may consult online Research Articles from JSTOR, swayam, mooc google scholar, google website and other related online websites.

बी. ए. प्रथम प्रश्न पत्र द्वितीय B. A. FIRST PAPER 2nd पूणांक 75

भारतीय शासन एवं राजनीति  
**Indian Government and Politics**

**COURSE OUTCOMES**

Proposed course acquaints the students with values and the struggle of national movement . Explains constitutional development as backdrop of Indian constitution . This course makes students familiar with knowledge and execution of the Indian constitution and political system .

**COURSE SPECIFIC OUTCOMES**

After completion of the course, the student shall have a fair idea about

CSO 1	The values and importance of freedom struggle and constitutional development in the making of Indian constitution and evolution of our democratic system and substantive democracy .
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CSO 2	The basic features , fundamental rights , directive principles of state and amendment process of the constitution.
CSO 3	The constitutional provisions and functioning of the union executive and legislature.
CSO 4	The constitutional plan of the Judicial system of the country and state executive.
CSO 5	State legislature to the election commission of India, electoral democratic processes like caste-politics interaction , communalism etc .

इकाई 1

असहयोग आन्दोलन, सविनय अवज्ञा आन्दोलन, भारत छोड़ो आन्दोलन । भारत का संविधानिक विकास , 1909 1919 और 1935 का अधिनियम ।

Unit 1

Non-cooperation Movement, Civil Disobedience Movement, Quit India Movement. Constitutional Development of India Acts of 1909, 1919 and 1935.

इकाई 2

भारतीय संविधान : प्रस्तावना, विशेषताएं, स्रोत, । मौलिक अधिकार, मूल कर्तव्य, नीति निर्देशक तत्व । संविधान संशोधन प्रक्रिया ।

Unit 2:

Constitution of India :Preamble, features, Sources. Schedules,citizenship.Fundamental Rights and Duties, Directive Principles of State Policy. Constitution Amendment Process.

इकाई 3

राष्ट्रपति, उपराष्ट्रपति , मन्त्रिपरिषद् और प्रधानमन्त्री । संसद - लोकसभा और राज्यसभा । सर्वोच्च न्यायालय संगठन कार्य अधिकार , न्यायिक पुरावलोकन । नियंत्रक एवं महालेखा परीक्षक । निर्वाचन आयोग ।

Unit 3:

President, Vice President, Council of Ministers and Prime Minister. Federal Parliament Lok Sabha and Rajya Sabha. Supreme court - Organization Functions, Powers, Judicial Review. Judicial Activism. Election, comptroller and auditor general .

इकाई 4

राज्य विधायिका, राज्यपाल मन्त्रिपरिषद् और मुख्यमन्त्री । राज्य उच्च न्यायालय - संगठन , कार्य अधिकार ।

Unit 4:

Legislature, Executive: Governor, Council of Ministers and Chief Minister. State High Court - Organization , Functions, Rights.

इकाई 5:

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केंद्र राज्य संबंध: विधायी, वित्तीय प्रशासकीय | संघ एवं राज्य लोक सेवा आयोग | भारतीय राजनीति के प्रमुख मुद्दे जाति, धर्म, धर्मनिरपेक्षता | पंचायती राज व्यवस्था |

**Unit 5:**

Center State Relations: Legislative, Financial, Administrative Comptroller and Auditor General. Union and State Public Service Commission. Major issues of Indian politics Caste, religion, Panchayati Raj system. secularism.

**Suggested Readings**

1. Rajni Kothari (2011) Politics in India, Orient Black Swan, New Delhi.
2. Rajni Kothari (2013) Caste in Indian Politics (Revised Edition) Orient Black Swan, New Delhi.
3. Bipan Chandra (2000) India after Independence, Penguin Books, New Delhi.
4. Bipan Chandra, Mridula Mukherjee and Aditya Mukherjee (2007) India Since Independence, Penguin Books New Delhi.
5. J.C. Johari (1981) Indian Politics, Vishal Publication, New Delhi.
6. Prakash Chander (1985) Indian Government and Politics: A Study of Indian Political System, Book hive Publications, New Delhi.
7. A.S. Narang (2013) Indian Government & Politics, Gitanjali Publishing House, New Delhi.
8. Bidyut Chakrabarty and Rajendra Kumar Pandey (2008) Indian Government and Politics, Sage Publications, New Delhi.
9. Durga Das Basu (2015) Introduction to the Constitution of India, Lexis Nexus, Gurgaon.
10. M. Lakshmi Kant (2017) Indian Polity, McGraw Hill Education (India) Private Limited, Chennai.
11. B.L. Fadia, (2013) Indian Government and Politics, Sahitya Bhawan, Agra.
12. Subhash C. Kashyap, (1989) Our Parliament, National Book Trust India, New Delhi.
13. Subhash C. Kashyap, (1994) Our Constitution—An Introduction to India's Constitution and Constitutional Law, National Book Trust India, New Delhi.
14. W.H. Morris-Jones, (1989) The Government and Politics of India, Universal Book Stall, New Delhi.
15. Granville Austin (1999) Indian Constitution: CornerStone of a Nation, Oxford University Press, New Delhi.
16. Granville Austin (2004) Working a Democratic Constitution: A History of the Indian Experience, Oxford University Press, New Delhi.
17. M.V. Pylee (1995) An Introduction to the Constitution of India, Vikas Publishing House, New Delhi.
18. Robert L. Hardgrave (2008) India: Government and Politics in a Developing Nation, Thomson Higher Education, USA.
19. Andre Beteille (1968) Caste, Class and Power, Oxford University Press, New Delhi.

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20. Paul R. Brass (1990) Politics of India Since Independence, Cambridge University Press, Cambridge.
21. Atul Kohli (1990) Democracy and Discontent: India's Growing Crisis of Governability, Cambridge University Press, Cambridge.
22. Achin Vinayak (1990) Painful Transition: Bourgeois Democracy in India, Verso Books, London, New York.
23. Christophe Jaffrelot (2010) Religion, Caste and Politics in India, Primus Books, Delhi.
24. Pratima Asthana (1974) Women's Movement in India, Vikas Publishing House, Delhi.
25. Neera Desai (ed.), (1977) Women in India, Vora Publishers, Bombay.
26. Ghanshyam Shah (1990) Social Movements in India: A Review of Literature, Sage Publications, New Delhi.
27. D.N.Dhanagare (1983) Peasant Movement in India 1920-50, Oxford University Press, New Delhi.
28. Vipin Chandra (1992) Communalism in Modern India, Vikas Publishing House, New Delhi.
29. Lloyd I. Rudolph and Susanne Hoeber Rudolph (1987) In Pursuit of Lakshmi: Political Economy of the Indian States, Orient Longman, Bombay.
30. Zoya Hassan (2004) Parties and Party Politics in India: Themes in Politics, Oxford University Press, New Delhi.
31. Rekha Diwakar (2018) Party System in India (Oxford India Short Introduction Series), Oxford University Press, New Delhi.
32. Madhav Khosla (1981) The Indian Constitution, Oxford University Press, New Delhi.
- Note: Student may consult online Research Articles from JS
- 33- आर.सी अग्रवाल (1985) : राष्ट्रीय आंदोलन एवं संवैधानिक विकास , एस चन्द एण्ड कम्पनी , नई दिल्ली ।
- 34- डीडी बसु भारत (1986) : भारतीय संविधान एक परिचय, प्रेन्टिस हाल, नई दिल्ली ।
- 35- एम सत्य राय ( 1983) : भारत मे राष्ट्रवाद, हिंदी माध्यम कार्यान्वयन निदेशालय दिल्ली विश्वविद्यालय।
- 36- सुभाष कश्यप (1996) : हमारा संविधान, नेशनल बुक ट्रस्ट नई दिल्ली
- 37- शकील हुसैन ( 2021) भारतीय संविधान एक परिचय, शिक्षादूत प्रकाशन नई दिल्ली ।
- 38- राकेश डेढगर्वे (2018) : भारतीयशासन और राजनीति - छ.ग. राज्य हिन्दी ग्रन्थ अकादमी . रायपुर ।

B.A. SECOND PAPER 1st बी. ए. द्वितीय प्रश्न पत्र प्रथम

Political Thought राजनीतिक चिन्तन पूछाङ्क-75

COURSE OUTCOMES

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## Part A : Introduction

<b>Programme Certificate Course</b>	<b>Class B.A./B.Sc. 1<sup>st</sup> Year</b>	<b>Year 2023</b>	<b>Session</b>
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1. Course Code : ANTH-01T
2. Course Title : INTRODUCTION TO BIOLOGICAL ANTHROPOLOGY
3. Course Type : THEORY
4. Course Objective : The Course is designed to teach basics and fundamentals of biological anthropology and its scope. The course aims to sharpen the skills of the student so that they can explain biological diversity observed in human species. The students will learn about primate and human evolution, primate behavior and social diversity amongst the human populations. Related practical are an integral part of this Course.
5. Course Learning Outcome :
  - The students will learn about various theories related to human evolution and variation. They will learn about history of Physical Anthropology and its applications.
  - They will learn about relationship between non-human and human primates. They will learn about the origin of hominoid group, distribution and characteristics of extinct hominids and the process of hominization.
  - Some basic knowledge of genetics is also imparted through this paper.
  - From the practical components they will understand Craniometric measurements, study various parts of human body which is useful in studying evolutionary changes in modern humans.

1. Credit Value : Theory-04
2. Total Marks : Maximum Marks 50 Minimum Marks 17

## Part B : Content of the Course

1. Total Units : 05
2. Total Lectures : 60

Unit	Topics	No. of Lectures
Units I, II, III, IV & V	Syllabus	12 Lectures each unit

### Unit – I

- History, meaning, aims, scope of Physical Anthropology and its applications.
- Organic evolution : Meaning and evidences of organic evolution.
- Theories of Organic evolution : Lamarckism, Neo-Lamarckism, Darwinism, Neo-Darwinism and synthetic theory.

### Unit – II

- Man's position in animal kingdom.

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- Classification and characteristics of living primates (Prosimi and Anthropoidea).
- Comparative anatomy and behavior of human and non human primates.

#### Unit - III

- Miocene Hominoids : Ramapithecus.
- Pleistocene Hominoids : Australopithecus, Homo erectus (Pithecanthropus & Sinanthropus), Neanderthal, Homo sapiens (Cromagnon, Grimaldi and Chancelade).

#### Unit – IV :

- Concept of Race : Meaning and definition.
- Race Formation.
- Criteria of racial classification (Anthropic, Anthropometric and genetical traits).
- UNESCO statement, Racism.
- Major races of the world and their distribution (Caucasoid, Negroid & Mongoloid)
- Racial Classification of Indian population : Risley and B.S. Guha.

#### Unit – V

- Mendelism.
- Chromosome : Types and morphology of human chromosome.
- Structure of DNA & RNA.
- Types of inheritance : Autosomal (Dominant and recessive), Sex linked (Dominate and recessive).

### Part C : Learning Resources

1. Ashley, Montague, Concept of Race.
2. Barnouw, V. 1979, Anthropology : A General Introduction, The Dorsey Press Illionis.
3. Das, B.M. 1985, Outlines of Physical Anthropology, Kitab Mahal, New Delhi.
4. Harrison, G.A., Weiner, J.S. Tanner, J.M. and Barnicot, N.A. Human Biology : An Introduction to Human Evolution, Variation and Growth, Clarendon Press, Oxford.
5. Hooton, E.A. Up from the Ape, The Macmillan Co., New York.
6. M. Ember and Ember. Anthropology
7. Sarkar S.S. Aboriginal races of India.
8. Sarkar, R.M. 1976, Fundamentals of Physical Anthropology, Blackie (India).
9. Shrivastav, A.R.N. 1994, Sharirik Manav Vigyan (in Hindi), Gyandeep Prakashan, Allabhabad.
10. Shukla, B.R.K. and Rastogi, S. Physical Anthropology and Human Genetics : An Introduction, Palka Prakashan, Delhi. Etnner-Janusch, J. Origins of Man, Wiley Eastern Pvt. Ltd. New Delhi.

### Part D : Assessment and Evaluation

University Exam. (UE) : Max. Marks : 50 Marks

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### Part A : Introduction

Programme Certificate Course	Class B.A./B.Sc. 1 <sup>st</sup> Year	Year 2023	Session
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1. Course Code : ANTH-02T
  2. Course Title : INTRODUCTION TO SOCIAL-CULTURAL ANTHROPOLOGY
  3. Course Type : THEORY
  4. Course Objective : The Course introduces ideas about "Culture" and "Society" in order to understand their meaning and what role they play in shaping human lives. Explores some basic concept, methods and characteristics of social-cultural Anthropology. Understand nature and meaning of social, religious, political and economic institution. The objective of the paper is to introduce the students about foundation of social-cultural Anthropology and also to familiarize the students with basic categories which have emerged due to comparison of groups and institution in the global context particularly the simpler societies.
  5. Course Learning Outcome :
    - The Students will learn about the scope and relevance of Social-Cultural Anthropology in relationship with other branches of anthropology.
    - The Students will learn about concept of society, culture and social institutions.
    - They will also learn about economic social and political organization.
    - Understand and describe basic concepts and methods of social-cultural Anthropology, along with its past and future.
    - Comparative study of culture and society of different ethnic groups.
1. Credit Value : Theory-04
  2. Total Marks : Maximum Marks 50 Minimum Marks 17

### Part B : Content of the Course

1. Total Units : 05
2. Total Lectures : 60

Unit	Topics	No. of Lectures
Units I, II, III, IV & V	Syllabus	12 Lectures each unit

#### Unit – I

- Meaning, aims and scope of social-cultural Anthropology.
- Social Anthropology : Definition, scope and importance.
- Ethnology : Definition, scope and importance.
- Linguistics Anthropology : Definition, Structure and Linguistic Family

- Relation of Social-Cultural Anthropology with sociallogy, psychology, history, economics and demography.

#### Unit – II

- Culture : Definition, characteristics and component of culture.
- Society : Definition, characteristics, importance and types of society.
- Community : Definition, characteristics, importance.
- Institution : Definition, characteristics, importance.

#### Unit - III

- Marriage : Meaning, aims and types of marriage, marriage rules, preferential marriage and ways of acquiring mates.
- Family : Definition, Characteristics, types and function of family.
- Kinship : Definition, types, kinship terminology, degree of kinship. kinship usage.
- Status and Role : Definition and Types.

#### Unit – IV :

- Religion : Definition, Characteristics and function.
- Magic : Definition, types and elements of magic.
- Custom : Definition, origins, and role.
- Mythology : Definition, characteristics and importance.

#### Unit – V

- Economic organization: Characteristics of simple economy, stages of economic development. Barter and ceremonial exchange.
- Political organization: State and stateless society, primitive law and justice.

### Part C : Learning Resources

1. A. N. Sharma. Bharatiya Manav Vigyan.
2. Davis, K. 1981. Human society, new delhi : Surjeet publications.
3. Durkheim, E. 2013. The rules of sociallogical method and selected texts on sociallogy and its method edited by steven luke (Second Edition). Pulgrave macmillan. 20-49, 78-100.
4. Ember, C.R. et. al. 2011. Anthropology, New Delhi, Dorling Kindersley.
5. Long, G. 1956. Concept of Status and role in Anthropology. Their definition and use. The American catholic sociallogical Review. 17 (3) : 206-218.
6. Makhan Jha : Samajik Manav Vigyan.
7. Nadeem Hasnain. Indian Anthropology.
8. Vandana Sharma & Ramesh Choubey : Samajik Sanskritik Manav Vigyan.



## Part D : Assessment and Evaluation

University Exam. (UE) : Max. Marks : 50 Marks

### Part A : Introduction

Programme Certificate Course	Class B.A./B.Sc. 1 <sup>st</sup> Year	Year 2023	Session
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1. Course Code : ANTH-01P
2. Course Title : PRACTICAL IN HUMAN ANATOMY AND ANTHROPOMETRY
3. Course Objectives : The objective of this practical course is to introduce the student with the human skeleton system and its importance and to learn anthropometric techniques used in living and non-living human for assessment of ethnic variation. This will be helpful to make student skill-full for further anthropological study and research.
4. Course Type : Practical ,
1. Credit Value : Practical - 02
2. Total Marks : Maximum Marks 50 Minimum Marks 17

### Part B : Content of the Course

1. Total Units :
2. Total Lectures : 30

Unit	Topics	No. of Lectures
-	Syllabus	30 Lectures

#### Part – I : Craniology and Osteology :

- Overview of bones of human Skeleton.
- Sketching and labeling of various norm's of skull.
- Identification and description of pectoral girdle, pelvic girdle and long bones of human Skeleton.

#### Part – II : Craniometry :

- Maximum Cranial length.
- Maximum Cranial Breadth.
- Maximum frontal Breadth.
- Bizygomatic Breadth.
- Nasal Height.
- Nasal Breadth
- Minimum frontal breadth

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- Bimaxillary Breadth.
- Biorbital Breadth
- Length of foramen magnum.

Part – III : Somatometry :

- Maximum head length
- Maximum head breadth
- Maximum Frontal breadth
- Maximum bizygomatic breadth
- Bigonial breadth.
- Nasal height
- Nasal length
- Nasal breadth
- Physiognomic facial height
- Morphological facial height

Part – IV : Craniometric indices

- Cranial Index
- Nasal Index

### Part C : Learning Resources

1. Das, B.M. 2013. Outlines of Physical Anthropology. Allahabad : Kitab Mahal.
2. Jurmain, R., Kilgore, L., Trevathan, W., Ciochon, R.L. 2012. Introduction to Physical Anthropology. Oxford & IBH Publishing Co. Molnar, Stephen. 1975. Human Variations : Race Types and Ethnic Groups. London : Routledge.
3. Seth, P.K. and Seth, S. 1986. The Primates. New Delhi : Northern Book Centre.
4. Singh, I.P. and Bhasin, M.K. 1989. Anthropometry : A Laboratory Manual on Biological Anthropology. Delhi : Kamla-Raj Enterprises.

### Part D : Assessment and Evaluation

University Exam. (UE) : Max. Marks : 50 Marks

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Part A: Introduction			
Program: Certificate Course		Class: B. A. / B.Sc. Part I	Year: 2022 Session: 2022-2023
1	Course Code	Paper – MATH- 1T	
2	Course Title	Calculus	
3	Course Type	Theory	
4	Pre-requisite ( if any)	No	
5	Course Learning Outcome (CLO)	<p><b>This Course will enable the students to:</b></p> <ul style="list-style-type: none"> <li>• Calculate the limit and examine the continuity and understand the geometrical interpretation of differentiability.</li> <li>• Understand the consequences of various mean value theorems.</li> <li>• Draw curves in cartesian and polar coordinate systems.</li> <li>• Understand conceptual variations while advancing from one variable to several variables in calculus.</li> <li>• Inter-relationship amongst the line integral, double and triple integral formulations.</li> <li>• Realize importance of Green, Gauss and Stokes' theorems in other branches of mathematics.</li> </ul>	
6	Credit Value	4	
7	Total Marks	Maximum Marks : 50	Minimum Passing Marks : .....

Part B: Content of the Course		
Total Periods: 60		
Unit	Topics	No. of Periods
I	<b>Sequences, Continuity and Differentiability:</b> Notion of convergence of sequences and series of real numbers, $\epsilon$ - $\delta$ definition of limit and continuity of a real valued function; Differentiability and its geometrical interpretation; Rolle's theorem, Lagrange's mean value theorem, Cauchy's mean value theorem and their geometrical interpretations, Darboux's theorem.	12
II	<b>Expansion of Functions:</b> Successive differentiation and Leibnitz theorem, Maclaurin's and Taylor's theorems for expansion of a function, Taylor's theorem in finite form with Lagrange, Cauchy and Roche-Schlömilch forms of remainder.	12
III	<b>Curvature, Asymptotes and Curve Tracing:</b> Curvature; Asymptotes of general algebraic curves, parallel asymptotes, Asymptotes parallel to axes; symmetry, concavity and convexity, points of inflexion, Tangents at origin, Multiple points, Position and nature of double points; Tracing of	12

	cartesian, polar and parametric curves; Envelopes and Evolutes.	
IV	<b>Functions of Several Variables:</b> Limit, continuity and first order partial derivatives, Higher order partial derivatives, Change of variables, Euler's theorem for homogeneous functions, Taylor's theorem, Total differentiation and Jacobians.	12
V	<b>Double and Triple Integrals:</b> Double integration over rectangular and non-rectangular regions, Double integrals in polar co-ordinates, Triple integral over a parallelepiped and solid regions, Volume by triple integrals, Line integrals, Green's theorem, Area as a line integral, Surface integrals, Stokes' theorem, The Gauss divergence theorem.	12

### Part C - Learning Resource

#### Text Books and Reference Books:

1. Howard Anton, I. Bivens & Stephan Davis. Calculus (10th edition). Wiley India. 2016
2. Gabriel Klambauer. Aspects of Calculus. Springer-Verlag. 1986
3. Wieslaw Krawcewicz & Bindhyachal Rai. Calculus with Maple Labs. Narosa. 2003
4. Gorakh Prasad Differential Calculus (19th edition). Pothishala Pvt. Ltd. 2016
5. George B. Thomas Jr., Joel Hass, Christopher Heil & Maurice D. Weir. Thomas' Calculus (14th edition). Pearson Education 2018
6. Jerrold Marsden, Anthony J. Tromba & Alan Weinstein. Basic Multivariable Calculus, Springer India Pvt. Limited. 2009
7. James Stewart. Multivariable Calculus (7th edition). Brooks/Cole. Cengage 2012.
8. Monty J. Strauss, Gerald L. Bradley & Karl J. Smith. Calculus (3rd edition). Pearson Education. Dorling Kindersley (India) Pvt. Ltd. 2011

#### E- Resources :

1. Suggested Equivalent **online courses:** Web link NPTEL/ SWAYAM/ MOOCs
2. [https://www.youtube.com/watch?v=tfirtzUhmw&list=PL7oBzLzHZ1wXBSiJEgqz\\_iwV\\_oLiY8qhbv](https://www.youtube.com/watch?v=tfirtzUhmw&list=PL7oBzLzHZ1wXBSiJEgqz_iwV_oLiY8qhbv)
3. [https://www.youtube.com/watch?v=XzaeYnZdK5o&list=PLtKWB-wrvn4nA2h8TFxzWL2zy8O9th\\_fy](https://www.youtube.com/watch?v=XzaeYnZdK5o&list=PLtKWB-wrvn4nA2h8TFxzWL2zy8O9th_fy)
4. <https://www.youtube.com/watch?v=zxbHsPB8m-M&list=PLBCEh9iawVM75FaeqS-z7oIBKTSLfAC4A>



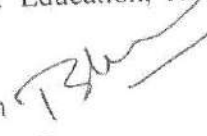







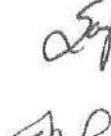
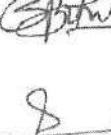


Part D: Assessment and Evaluation

Suggested Continuous Evaluation Methods:  
Maximum Marks:

50 Marks

Declaration

This is to certify that the syllabus is framed by the Central Board of Studies (Mathematics) as per the guidelines (TOR) of the Department of Higher Education, Raipur Chhattisgarh.

- |   |   |          |   |
|---|---|----------|---|
| 1. Dr. Premlata Verma<br>Asst. Prof.<br>Govt. Bilasa Girls PG College, Bilaspur       | - | Chairman |    |
| 2. Prof. R.R. Sahu<br>Asst. Prof.<br>Govt. MMR PG College, Champa                     | - | Member   |    |
| 3. Mr. Yetendra Upadhyay<br>Asst. Prof.<br>Govt. N.K. College, Kota                   | - | Member   |   |
| 4. Ram Lakhna Pandey<br>Asst. Prof.<br>Dr. B.R. Ambedkar Govt. College, Baloda        | - | Member   |  |
| 5. Dr. Arun Kumar Mishra<br>Professor<br>Govt. DT PG College, Utai                    | - | Member   |  |
| 6. Dr. Shabnam Khan<br>Professor<br>Govt. Digvijay PG College, Rajnandgaon            | - | Member   |  |
| 7. Dr. Padmavati<br>Professor<br>Govt. VYT PG Auto. College, Durg                     | - | Member   |  |
| 8. Dr. Anjali Chandravanshi<br>Asst. Prof.<br>Govt. J.Y. Chhattisgarh College, Raipur | - | Member   |  |
| 9. Manisha Gupta<br>Asst. Prof.<br>GNA Govt. PG College, Bhatapara, Raipur            | - | Member   |  |
| 10. Mrs. Sangeeta Pandey<br>Asst. Prof.<br>R.G. Govt. PG College, Ambikapur           | - | Member   |  |
| 11. Dr. S.K. Bohre<br>Asst. Prof.<br>I.G. Govt. PG College, Vaishalinagar, Bhilai     | - | Member   |  |
| 12. Dr. Samir Dashputre   | - | Member   |  |

Asst. Prof.  
Govt. College, Arjunda, Balod  
13. Dr. Chandrajeet Singh Rathore

Member



Asst. Prof.  
Govt. Jajwalyadev Naveen Girls PG College, Janjgir

Member

14. Dr. Shri Nath Gupta  
K. Govt. Arts & Science College, Raigarh  
15. Dr. Raghu Nandan Patel

Member

Asst. Prof.  
Govt. MLS College, Seepat


Part A: Introduction			
Program: Certificate Course		Class: B. A. / B.Sc. Part I	Year: 2022 Session: 2022-2023
1	Course Code	Paper – MATH-2T	
2	Course Title	Algebra	
3	Course Type	Theory	
4	Pre-requisite ( if any)	No	
5	Course Learning Outcome (CLO)	<p><b>This Course will enable the students to:</b></p> <ul style="list-style-type: none"> <li>• Employ De Moivre's theorem in a number of applications to solve numerical problems.</li> <li>• Learn about the fundamental concepts of groups, subgroups, normal subgroups, isomorphism theorems, cyclic and permutation groups.</li> <li>• Recognize consistent and inconsistent systems of linear equations by the row echelon form of the augmented matrix, using rank.</li> <li>• Find eigen values and corresponding eigen vectors for a square matrix.</li> <li>• Understand real vector spaces, subspaces, basis, dimension and their properties.</li> </ul>	
6	Credit Value	4	
7	Total Marks	Maximum Marks : 50	Minimum Passing Marks : ....

Part B: Content of the Course		
Total Periods: 60		
Unit	Topics	No. of Periods
I	<b>Set Theory and Theory of Equations:</b> Sets, Relations, Equivalence relations, Equivalence classes; Finite, countable and uncountable sets; The division algorithm, Divisibility and the Euclidean algorithm, Modular arithmetic and basic properties of congruence's; Elementary theorems on the roots of polynomial equations, Imaginary roots, The fundamental theorem of algebra (statement only); The $n^{\text{th}}$ roots of unity, De Moivre's theorem for integer and rational indices and its applications.	12
II	<b>Groups, Subgroups, Normal Subgroups and Isomorphism Theorems :</b> Definition and properties of a group, Abelian groups, Examples of groups including $D_n$ (dihedral groups), $Q_8$	12

	(quaternion group), $GL(n, \mathbb{R})$ (general linear groups) and $SL(n, \mathbb{R})$ (special linear groups); Subgroups and examples, Cosets and their properties, Lagrange's theorem and its applications, Normal subgroups and their properties, Simple groups, Factors groups; Group homomorphisms and isomorphisms with properties; First, second and third isomorphism theorems for groups.	
III	<b>Cyclic and Permutation Groups:</b> Cyclic groups and properties, Classifications of subgroup of cyclic groups, Cauchy theorem for finite abelian groups; Centralizer, Normalizer, Center of a group, Product of two subgroups, Permutation group and properties, Even and odd permutations, Cayley's theorem.	12
IV	<b>Row Echelon Form of Matrices and Applications:</b> Systems of linear equations, Row reduction and echelon forms, The rank of a matrix and its applications in solving system of linear equations; Matrix operations, Symmetric, skew-symmetric, self-adjoint, orthogonal, Hermitian, skew-Hermitian and unitary matrices; Determinant of a square matrix, The inverse of a square matrix, Eigen vectors and eigen values, The characteristic equation and the Cayley-Hamilton theorem, Applications of matrices to computer graphics and search engines.	12
V	<b>Vector Spaces and Linear Transformations:</b> Definitions of field and vector space with examples, Subspaces, Linear span, Quotient space and direct sum, Linearly independent and dependent sets, Bases and dimension, Linear transformation and matrix of a linear transformation, Change of coordinates, Rank and nullity of linear transformation, Rank-nullity theorem.	12

Part C - Learning Resource

**Text Books and Reference Books**

1. Michael Artin *Algebra* (2<sup>nd</sup> edition). Pearson 2014.
2. John B. Fraleigh. *A First Course in Abstract Algebra* (7<sup>th</sup> edition). Pearson 2007.
3. Stephen H. Friedberg, Arnold J. Insel & Lawrence E. Spence. *Linear Algebra* (4<sup>th</sup> edition). Prentice-Hall of India Pvt. Ltd. 2003
4. Joseph A. Gallian. *Contemporary Abstract Algebra* (9<sup>th</sup> edition). Cengage. 2017
5. Kenneth Hoffman & Ray Kunze. *Linear Algebra* (2<sup>nd</sup> edition). Prentice-Hall. 2015

T.M.

6. I. N. Herstein. *Topics in Algebra* (2<sup>nd</sup> edition). Wiley India. 2006
7. Nathan Jacobson. *Basic Algebra I* (2<sup>nd</sup> edition). Dover Publications. 2009
8. Ramji Lal. *Algebra 1: Groups, Rings, Fields and Arithmetic*. Springer. 2017
9. I.S. Luthar & I.B.S. Passi. *Algebra: Volume 1: Groups*. Narosa. 2013

#### E- Resources

1. Suggested Equivalent **online courses**: Web link NPTEL/ SWAYAM/ MOOCs
2. Linear Algebra  
[https://www.youtube.com/watch?v=9h\\_Q-R6sXbM&list=PL7oBzLzHZ1wXQvQ938Wg1-soq09GywgOw](https://www.youtube.com/watch?v=9h_Q-R6sXbM&list=PL7oBzLzHZ1wXQvQ938Wg1-soq09GywgOw)
3. Group theory  
<https://www.youtube.com/watch?v=pMzclG6s3z0&list=PLEAYkSg4uSQ1YhXu2U-BxtRjZEIrfVVcO>

#### Part D: Assessment and Evaluation

Suggested Continuous Evaluation Methods:



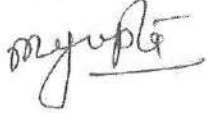






Maximum Marks:

50 Marks

#### Declaration

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- |   |   |          |   |
|---|---|----------|---|
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| 5. Dr. Arun Kumar Mishra<br>Professor<br>Govt. DT PG College, Utai              | - | Member   |  |
| 6. Dr. Shabnam Khan   | - | Member   |  |

- |   |   |        |   |
|---|---|--------|---|
| Professor<br>Govt. Digvijay PG College, Rajnandgaon               | - | Member |    |
| 7. Dr. Padmavati  |   |        |   |
| Professor<br>Govt. VYT PG Auto. College, Durg                     | - | Member |    |
| 8. Dr. Anjali Chandravanshi                                       |   |        |   |
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| 12. Dr. Samir Dashputre   |   |        |   |
| Asst. Prof.<br>Govt. College, Arjunda, Balod                      | - | Member |   |
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| 14. Dr. Shri Nath Gupta   |   |        |   |
| K. Govt. Arts & Science College, Raigarh                          | - | Member |  |
| 15. Dr. Raghu Nandan Patel  |   |        |   |
| Asst. Prof.<br>Govt. MLS College, Seepat                          | - | Member |   |

Part A: Introduction			
Program: Certificate Course		Class: B.A./ B.Sc. I Year	Year: 2022 Session: 2022-2023
1	Course Code	MATH-1P (I)	
2	Course Title	I - Lab 01 - Calculus and Algebra	
3	Course Type	Practical	
4	Pre-requisite (if any)	No	
5	Course Learning Outcomes (CLO)	At the end of course, Students will be able to <ul style="list-style-type: none"> <li>• Learn Free and Open Source Software (FOSS) tools for computer programming</li> <li>• Solve problems on Calculus and Algebra theories studied in Mathematics Paper 1 and 2 by using FOSS softwares.</li> <li>• Acquire knowledge of applications of Calculus and Algebra through FOSS.</li> </ul>	
6	Credit Value	2	
7	Total Marks	Max. Marks: 50	Min Passing Marks : 17

Part B: Content of the Course	
Total Periods: 30	
Tentative Practical List	Mathematics practical with Free and Open Source Software (FOSS) tools for computer programs, such as GeoGebra/Maxima/Scilab/ Octave /Python/R. <b>Course Objectives:</b> <ul style="list-style-type: none"> <li>• To learn Free and Open Source Software (FOSS) tools for computer programming</li> <li>• Acquire knowledge of applications of algebra and calculus through FOSS</li> </ul> <b>List of Practicals: (At least 15 practicals )</b> <ul style="list-style-type: none"> <li>• Programs to illustrate left hand and right hand limits for discontinuous functions.</li> <li>• Program to illustrate continuity of a function</li> <li>• Program to illustrate differentiability of a function</li> <li>• Program to verify Rolle's theorem</li> <li>• Program to verify Lagrange's theorem</li> <li>• Programs to verify Cauchy's mean value theorem and finding Taylor's theorem for a given function.</li> <li>• Program to illustrate nth derivative without Leibnitz rule.</li> </ul>



- Program to construct series using Maclaurin's expansion for functions of two variables.
- Program to finding the asymptotes of curves.
- Program to finding radius of curvature of cycloid.
- Program to finding partial derivative of a given function.
- Program to calculating the area under two curves.
- Obtaining partial derivatives of some standard functions.
- Evaluation of the line integral with constant limits.
- Evaluation of the line integral with variable limits.
- Evaluation of the double integral with constant limits.
- Evaluation of the double integral with variable limits.
- Evaluation of the triple integral with constant limits.
- Evaluation of the triple integral with variable limits.
- Programs for area and volume.
- Verifying whether given operator is binary or not
- To find identity element of a group
- To find inverse element of a group.
- To construct Cayley's table
- Verification of a subgroup of a given subset of a group
- Finding all possible subgroups of a finite group.
- Examples to verify Lagrange's theorem.
- To find the left and right cosets and index of a subgroup
- To find all the cyclic subgroups of a given group
- Verification of normality of a given subgroup of a group
- Illustrating homomorphism and isomorphism of groups
- Examples on different types of rings.

*TSB*

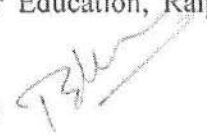







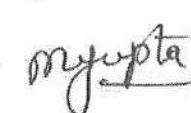
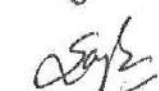

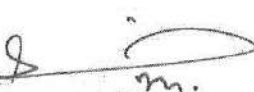


	<ul style="list-style-type: none"> <li>• Examples on integral domains and fields.</li> <li>• Examples on subrings, ideals and subrings which are not ideals.</li> <li>• Homomorphism and isomorphism of rings- illustrative examples.</li> <li>• Solving polynomial equations.</li> <li>• Finding G.C.D of polynomials.</li> <li>• Finding product of two matrices</li> <li>• To test linear independency of a given set of a vectors in a vector space.</li> </ul>
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<b>Part C - Learning Resource</b>		
Text Books, Reference Books, Other Resources		
<p>SUPPORT FROM THE GOVT FOR STUDENTS AND TEACHERS IN UNDERSTANDING AND LEARNING FOSS TOOLS:</p> <p>As a national level initiative towards learning FOSS tools, IIT Bombay for MHRD, government of India is giving free training to teachers interested in learning open source software's like scilab, maxima, octave, geogebra and others. (Website: <a href="http://spoken-tutorial.org;">http://spoken-tutorial.org;</a>) (email: <a href="mailto:info@spokentutorial.org">info@spokentutorial.org;</a> <a href="mailto:contact@spoken-tutorial.org">contact@spoken-tutorial.org</a>)</p>		
<b>Part D: Assessment and Evaluation</b>		
<p><b>Suggested Continuous Evaluation Methods:</b>  Maximum Marks: 50  Continuous Comprehensive Evaluation (CCE): Not Applicable  University Exam(UE): 50 Marks</p>		
<b>Internal Assessment:</b> Continuous Comprehensive Evaluation (CCE)	Class Test/Assignment/Presentation	Not Applicable

*TSK*

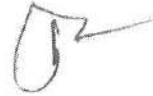
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15. Dr. Raghu Nandan Patel  
Asst. Prof.  
Govt. MLS College, Seepat

- Member



Part A: Introduction			
Program: Certificate Course		Class: B.A./B.Sc. I Year	Year: 2022 Session: 2022-2023
1	Course Code	MATH-1P (II)	
2	Course Title	II - Project 01 - History of Mathematician	
3	Course Type	Project	
4	Pre-requisite (if any)	NIL	
5	Course Learning Outcomes (CLO)	<p>Studying history of mathematicians help students:</p> <ul style="list-style-type: none"> <li>• Develop a deeper understanding of the mathematics they have already studied by seeing how it was developed over time and in various places.</li> <li>• Know the rich intellectual heritage of the country.</li> <li>• Develop an appreciation of mathematics and build positive attitude towards mathematics increasing student's motivation decreasing anxiety related the subject.</li> <li>• To acquire knowledge about development of mathematics in ancient , medieval and modern period of history.</li> </ul>	
6	Credit Value	2	
7	Total Marks	Max. Marks: 50	Min Passing Marks : 17




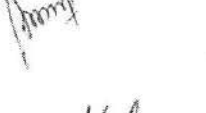

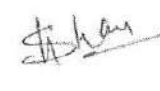


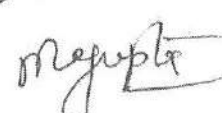
Part B: Content of the Course	
Total Periods: 30	
Project List	<p><b>Course Objectives:</b></p> <p>An elective course designed to acquire special / advance knowledge, such as supplement study / support study to a project work and a candidate will study such a course on his own with an advisory support a teacher / faculty member.</p> <p><b>Project</b></p> <p>Contributions and biographies of Indian Mathematicians- Bodhayan, Apasthambh, Katyayan and Mahaveeracharya, Brahmagupta, and Bhaskaracharya in special context of Leelavati and contributions of mathematicians involved in context of the paper of calculus and algebra. (10 Mathematicians)</p>

<b>Part C - Learning Resource</b>		
Text Books, Reference Books, Other Resources		
<b>Part D: Assessment and Evaluation</b>		
<b>Suggested Continuous Evaluation Methods:</b>		
Maximum Marks: 50		
Continuous Comprehensive Evaluation (CCE): Not Applicable		
University Exam(UE): 50 Marks		
<b>Internal Assessment:</b>		
Continuous Comprehensive Evaluation (CCE)	Class Test/Assignment/Presentation	Not Applicable

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- Chairman 
- Member 
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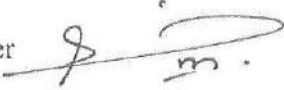
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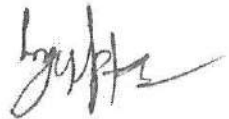
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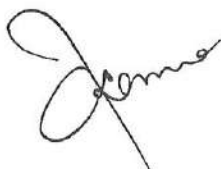


**Specific Program Outcome**  
**B. A. (I, II, III) Year 2023-2026**

- The UG programme in Linguistics aims at skill enhancement of enrolled students in field of language study and linguistic - analysis, so that they can develop awareness of the nature of language and its role in human society.
- The UG programme is designed to work for the holistic development of each student, concentrating on developing their depth of knowledge.
- The programme teaches the students to think in multiple directions with its interdisciplinary understanding and engagement with subjects like sociology, psychology, anthropology, history etc. while creating a first hand knowledge in core areas of Linguistics and paving the way for excellence in its specific areas and some of the significant applied areas of Linguistics.
- Derive basic linguistic knowledge, to identify, analyse and document specific linguistic characteristics of a chosen language.
- Enable the taking to delve into scientific study of linguistic field of their choice.
- Provide opportunities in a meaningful learning experiences that prepare the student to meet his/her goals after earning a linguistics degree.
- Help identify one's own analyses for understanding of language, people or society as a whole.
- The UG course in Linguistics equips the students with the aptitude to undertake PG course of Linguistics.



Sheik Sherma



Part A: Introduction			
Program: <b>Certificate Course</b>		Class: <b>B.A. I Year</b>	Year: <b>2022</b> Session: <b>2022-2023</b>
1	Course Code	BAHSC-1T	
2	Course Title	Home Science- Paper I (Anatomy Physiology and Hygiene)	
3	Course Type	Theory	
4	Pre-requisite(if any)	NO	
5	Course Learning Outcomes (CLO)	At the end of this course, the students will be enable to: <ul style="list-style-type: none"> <li>• To understand Basic of Human Body Structure.</li> <li>• To understand Basic of Human Body Functioning.</li> <li>• To understand Basic of Primary Health care.</li> <li>• To understand Basic knowledge of First Aid.</li> <li>• To understand Basic knowledge of Home Nursing.</li> </ul>	
6	Credit Value	Theory: 4	
7	Total Marks	Max. Marks: 50	Min Passing Marks : 17

Part B: Content of the Course		
Total No. of Periods: 60		
Unit	Topics	No. of Periods
I	<b>Structure &amp; functions:</b> of cellular organelles and inclusions, General introduction of Tissue and their functions: Epithelial, Connective, Osseous, Cartilage, Nervous tissue. <b>Skeletal system:</b> Types of bones: Dense and Spongy, Classification general structure & function of bones. <b>Muscular system:</b> General Structure types and function: Skeletal, Cardiac and Visceral.	12
II	<b>Circulatory system:</b> General structure of organs and functions, Heart, Artery, Vein, Capillary. Composition of blood & function: RBC, WBC and Platelets, Plasma. <b>Respiratory system:</b> General structure of organs and function, Lung, Alveoli, Diaphragm.	12
III	<b>Digestive system:</b> General introduction of Nutrients, Liver and spleen organs of digestion their general structure and function, Stomach, small and large intestine, Excretory system- Organs of excretion. <b>Kidney:</b> Nephron, Malpighian body, Urinary Tubules, Skin. Normal and abnormal, Composition of urine.	12

IV	<b>Nervous system:</b> Central nervous system structure and function, Brain and Spinal cord, Senses and Sensory organs: ear and eye structure & function, Endocrine Glands Thyroid Gland, Pituitary Gland, Pancreas, Reproductive System: Male and Female.	12
V	<b>Hygiene:</b> Personal Hygiene, Social Hygiene, Environmental and Industrial Hygiene. Water: its importance and purification. Air: its importance and purification. First Aid: Fire Injury, Drawing, Accident, Fractures, Poisoning	12
<b>Keywords:</b> Anatomy, Physiology, Cellular organelles, inclusions, Heart, Blood, Blood Pressure, Kidney, Urine, Reproductive system, Hygiene, First Aid		

<b>Part C: Learning Resources</b>	
Text Books, Reference Books, Other Resources	
<b>Suggested Readings:</b>	
<ol style="list-style-type: none"> <li>1. Anatomy, Physiology And Health Education- Rohini Agrawal, Neeraj Agrawal, 2016 Edition, CBS Publisher.</li> <li>2. Concise Textbook of Physiology – Indu Khurana, Arushi Khurana, 3<sup>rd</sup> Editin, ELSEVIER.</li> <li>3. Human Physiology- C.C. Chatterjee, 12<sup>th</sup> Edition, CBS Publisher.</li> <li>4. Principles of Physiology- Debasis Pramanik 6<sup>th</sup> Edition J. P. Brothers Medical Publishers.</li> <li>5. Textbook of medical physiology- Guyton A.C.-Hall. J.E. 9<sup>th</sup> edition, Prism Books Private Limited Bangalore.</li> <li>6. Human Physiology In Nutshell - Dr. A. K. Jain, 5<sup>th</sup> Edition, Arya Publications.</li> <li>7. Human Anatomy and Physiology-Dr S H Rashid, 2<sup>nd</sup> Edition, SIA Publishers.</li> <li>8. Text book of Human Physiology- H D Singh, 3<sup>rd</sup> Edition, S Chand &amp; Co. Ltd.</li> <li>9. Anatomical knowledge for nurses- Catherine Arms Strong.</li> </ol>	
<b>E-learning Resources:</b>	
<ol style="list-style-type: none"> <li>1. Metabolic acidosis- renal tubular acidosis <a href="https://youtu.be/XFSV7Ugk8xQ">https://youtu.be/XFSV7Ugk8xQ</a></li> <li>2. Physiology of Adrenal Medulla <a href="https://youtu.be/RDIvpo4KKxc">https://youtu.be/RDIvpo4KKxc</a></li> <li>3. Physiology of Thyroid gland <a href="https://youtu.be/yv15bWx7a48">https://youtu.be/yv15bWx7a48</a></li> <li>4. Cellular respiration <a href="https://youtu.be/KBesL.Bnx968">https://youtu.be/KBesL.Bnx968</a></li> <li>5. Calcium transporters <a href="https://youtu.be/IsTaWVyEhXk">https://youtu.be/IsTaWVyEhXk</a></li> <li>6. Cardiac action potentials <a href="https://youtu.be/MVkcDIXj8Gc">https://youtu.be/MVkcDIXj8Gc</a></li> <li>7. cell membrane proteins <a href="https://youtu.be/DtSvzVoD-A">https://youtu.be/DtSvzVoD-A</a></li> <li>8. Cell Membrane <a href="https://youtu.be/j1kuax7Kwzk">https://youtu.be/j1kuax7Kwzk</a></li> <li>9. Membrane Transport : Ion channels- <a href="https://youtu.be/eSgVHvsRG7Q">https://youtu.be/eSgVHvsRG7Q</a></li> </ol>	

**Part D: Assessment and Evaluation**

**Suggested Continuous Evaluation Methods:-**

University Exam (UE): 50 Marks

*Ans - 1*

आज दिनांक 31.05.2022 को केन्द्रीय अध्ययन मण्डल की मीटिंग गृहविज्ञान विभाग में आयोजित की गई जिसमें निम्नलिखित सदस्य उपस्थित हुए तथा विभिन्न गृहविज्ञान से संबंधित विषयों के पाठ्यक्रम संशोधित एवं अनुमोदित किये गये-

डॉ. सीमा मिश्रा, शासकीय बिलासा कन्या महाविद्यालय, बिलासपुर	- अध्यक्ष,	<i>Si</i>
डॉ. बबीता दुबे	- प्रतिनिधि, उच्च शिक्षा विभाग, नया रायपुर	<i>Sabita</i>
डॉ. भारती सेठी, डॉ. खूबचंद बघेल शासकीय स्नातकोत्तर महाविद्यालय, गिलाई-3, दुर्ग	- सदस्य	<i>BWS 31/5/22</i>
डॉ. संध्या वर्मा, शासकीय कला एवं वाणिज्य महावि. देवेन्द्र नगर, रायपुर	- सदस्य	<i>SVC</i>
डॉ. संध्या मदन मोहन, प्राचार्य, गिलाई महिला महाविद्यालय, गिलाई, एवं अध्यक्ष, अध्ययन मण्डल, हेमचंद यादव विश्वविद्यालय	- सदस्य	<i>SVC</i>
डॉ. रश्मि मिंज, दूधघारी महिला महावि. रायपुर	- सदस्य	<i>Rp</i>
डॉ. अल्का दुग्गल, वामन राव पाटनकर महिला महावि, दुर्ग	- सदस्य	<i>Alka 31.5.22</i>
डॉ. निशा श्रीवास्तव, होलीकास महिला महावि. अंबिकापुर	- सदस्य	<i>Nisha</i>
डॉ. शिमा बनर्जी, दूधघारी महिला महावि. रायपुर	- सदस्य	<i>Shima</i>
श्रीमती ममता आर. देव, शासकीय कमलादेवी शठी महिला स्नातको. महावि. राजनांदगांव छ.म.	- सदस्य	<i>Mamta</i>
सुश्री सुषमा घई, शासकीय बिलासा कन्या महाविद्यालय, बिलासपुर	- सदस्य	<i>Sushma</i>
डॉ. दीपाली राव, शासकीय घनश्याम सिंह गुप्त स्नातको. महावि, बालोद	- सदस्य	<i>D.P. Ra</i>
डॉ. अर्चना दीक्षित, शासकीय बिलासा कन्या महाविद्यालय, बिलासपुर	- सदस्य	<i>Archna</i>
डॉ. शोभा महिस्वर, शासकीय माता शबरी महावि. बिलासपुर	- सदस्य	<i>Shoba</i>

डॉ. वर्षा डोडिया, विषय विशेषज्ञ तथा शेष अन्य सदस्य ऑन लाइन उपस्थित रहे,

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**Part A: Introduction**

Program: <b>Certificate Course</b>		Class: <b>B.A. I Year</b>	Year: <b>2022</b>	Session: <b>2022-2023</b>
1	Course Code	BAHSC-2T		
2	Course Title	Home Science- Paper 2 (Extension Education)		
3	Course Type	Theory		
4	Pre-requisite(if any)	NO		
5	Course Learning Outcomes (CLO)	<p>At the end of this course, the students will be enable to:</p> <ul style="list-style-type: none"> <li>• To understand Basics Knowledge of Home Science Extension Education.</li> <li>• To understand Basic knowledge of Community Development and Role of Home Scientists.</li> <li>• To understand Basic knowledge of Teaching methods &amp; aid.</li> <li>• To understand Basic knowledge of Attitude towards Home Science.</li> <li>• To understand Basic knowledge of Curriculum Planning in Home Science.</li> </ul>		
6	Credit Value	Theory: 4		
7	Total Marks	Max. Marks: 50	Min Passing Marks: 17	

**Part B: Content of the Course**

Total Periods: 60

Unit	Topics	No. of Periods
I	<b>Introduction of Home Science Extension Education:</b> Home Science: Concepts, goals and Areas of Home Science & their inter relationship with extension, Principles and methods of home science extension education general concepts of extension work, Objectives of extension education qualities to extension workers, extension education process.	12
II	<b>Community Development problems and Role of Home Scientists:</b> Principles of community development organization and function of community development, Role of home scientists in community development programmes of extension education for community. Programmes of community development at central, state, district, block and village level. Family planning programme, Community problems, child marriage, Dowry system, parda-pratha, rural indebtedness unemployment.	12
III	<b>Teaching methods &amp; aids:</b> Methods of learning: Discussion, demonstration, observation and their application to home science teaching, Extension Methods: their scope advantages and application, Scope and use in Home Science teaching. Extension Methods- their scope advantages and application	12



IV	<b>Attitude towards Home Science:</b> Attitudes towards Home Science, Motivation towards Home science, Application of Home Science towards improvement in family living, Job opportunities in Home Science National and International agencies and their collaboration with Home Science, Official organization Home Science Association of India, W.H.O. FAG, CARE, ICAR ICDS, ICSSR, ICMR, IRDP, Adult education.	12
V	<b>Curriculum Planning in Home Science:</b> Basic concept of curriculum planning components of curriculum, planning Implementation evolution and improvement required in the existing System of Home Science, Education policy and its relevance to Home Science Programme planning concept, Principles objectives and steps in programme planning.	12
<b>Keywords:</b> Goals of Home Science Education, Planning for Home Science Education, Link of Various agencies for Home science, Curriculum Planning in Home Science.		

<b>Part C: Learning Resources</b>	
Text Books. Reference Books, Other Resources	
<b>Suggested Readings:</b>	
<ol style="list-style-type: none"> <li>1. Communication And Instructional Technology– Indu Grover, Sushma Kaushik, 1<sup>st</sup> Edition Agrotech PublishingAcademy .</li> <li>2. Extension communication &amp; Management- G.L. Ray, 1<sup>st</sup> Edition , Kalyani Publishers.</li> <li>3. Communication And Extension Management- Dr. Jitendra Chauhan, 2<sup>nd</sup> Edition, Kushal Publication.</li> <li>4. Rural Development principles policies &amp; management- Kartar Singh, 3<sup>rd</sup> Edition , Sage Publications India Pvt Ltd.</li> <li>5. Extension education &amp; communication V.K. Dubey, Indira Bishnoi, 1<sup>st</sup> Edition, New Age International Publishers.</li> <li>6. Education and communication for Development by O P Dhama 2<sup>nd</sup> Edition , Oxford &amp; Ibh Publishing</li> <li>7. An Introduction To Extension Education- SV Supe, 2<sup>nd</sup> Edition , Oxford &amp; Ibh Publishing.</li> <li>8. A Study of Rural Economics - Systems Approach- Vasant Desai, Himalaya Publishing House, New Delhi.</li> <li>9. SWAYAM portal based course Information and Communication technology- Dr. Aprajita Bhatt</li> <li>10. SWAYAM portal based course Home science- Extension and Communication management level- 1 course no.43.</li> </ol>	
<b>E-Learning Resource:</b>	
<ol style="list-style-type: none"> <li>1. <a href="https://youtu.be/-bW8gYwOIGM">https://youtu.be/-bW8gYwOIGM</a></li> <li>2. <a href="https://youtu.be/c7fQOnlyV6s">https://youtu.be/c7fQOnlyV6s</a></li> <li>3. <a href="https://youtu.be/6EI5S2wpBlk">https://youtu.be/6EI5S2wpBlk</a></li> <li>4. <a href="https://youtu.be/oCJ4NIzch7w">https://youtu.be/oCJ4NIzch7w</a></li> <li>5. <a href="https://youtu.be/vOVmKlgSCzs">https://youtu.be/vOVmKlgSCzs</a></li> <li>6. <a href="https://youtu.be/NKQIQMVNZdQ">https://youtu.be/NKQIQMVNZdQ</a></li> </ol>	




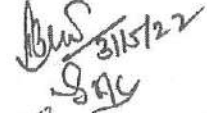
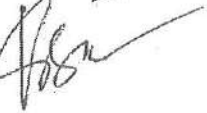
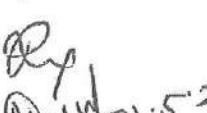
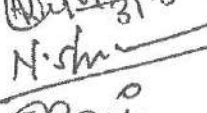
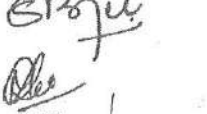
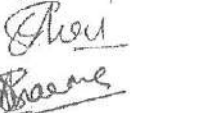






**Part D: Assessment and Evaluation**

**Suggested Continuous Evaluation Methods:-**

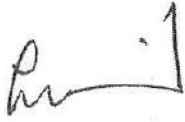
University Exam (UE): 50

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आज दिनांक 31.05.2022 को केन्द्रीय अध्ययन मण्डल की मीटिंग गृहविज्ञान विभाग में आयोजित की गई जिसमें निम्नलिखित सदस्य उपस्थित हुए तथा विभिन्न गृहविज्ञान से संबंधित विषयों के पाठ्यक्रम संशोधित एवं अनुमोदित किये गये-

डॉ. सीमा मिश्रा, शासकीय बिलासा कन्या महाविद्यालय, बिलासपुर	- अध्यक्ष,	
डॉ. बबीता दुबे	- प्रतिनिधि, उच्च शिक्षा विभाग, नया रायपुर	
डॉ. भारती सेठी, डॉ. खूबचंद बघेल शासकीय स्नातकोत्तर महाविद्यालय, भिलाई-3, दुर्ग	- सदस्य	
डॉ. संख्या वर्मा, शासकीय कला एवं वाणिज्य महावि. देवेन्द्र नगर, रायपुर	- सदस्य	
डॉ. संख्या मदन मोहन, प्राचार्य, भिलाई महिला महाविद्यालय, भिलाई, एवं अध्यक्ष, अध्ययन मण्डल, हेमचंद्र यादव विश्वविद्यालय	- सदस्य	
डॉ. रश्मि मिश्रा, दूधघारी महिला महावि. रायपुर	- सदस्य	
डॉ. अल्का दुग्गल, वामन राव पाटनकर महिला महावि, दुर्ग	- सदस्य	
डॉ. निशा श्रीवारतव, हंसीकास महिला महावि. अंबिकापुर	- सदस्य	
डॉ. शिखा बनर्जी, दूधघारी महिला महावि. रायपुर	- सदस्य	
श्रीमती ममता आर. देव, शासकीय कमलादेवी राठी महिला स्नातको. महावि. राजनांदगांव छ.म.	- सदस्य	
सुश्री सुषमा घई, शासकीय बिलासा कन्या महाविद्यालय, बिलासपुर	- सदस्य	
डॉ. दीपाली राव, शासकीय घनश्याम सिंह गुप्त स्नातको. महावि. बालोद	- सदस्य	
डॉ. अर्चना दीक्षित, शासकीय बिलासा कन्या महाविद्यालय, बिलासपुर	- सदस्य	
डॉ. शोभा महिस्वर, शासकीय माता शबरी महावि. बिलासपुर	- सदस्य	

डॉ. वर्मा डोडिया, विषय विशेषज्ञ तथा शेष अन्य सदस्य ऑन लाइन उपस्थित रहे.



**Part A: Introduction**

Program: <b>Certificate Course</b>		Class: <b>B.A. I Year</b>	Year: <b>2022</b>	Session: <b>2022-2023</b>
1	Course Code	BAHSC-1P		
2	Course Title	Home Science- Practical 1		
3	Course Type	Practical		
4	Pre-requisite(if any)	Theoretical knowledge of Human Physiology & Hygiene.		
5	Course Learning Outcomes (CLO)	At the end of this course, the students will be enable to: <ul style="list-style-type: none"> <li>• To Understand Basic knowledge of First aid.</li> <li>• To Make First aid Box.</li> <li>• How to Prepare Therapeutic Diet.</li> <li>• Making and use of Audio-Visual aids- Chart, Poster.</li> <li>• Home Nursing technology.</li> </ul>		
6	Credit Value	Practical:2		
7	Total Marks	Max. Marks: 50	Min Passing Marks : 17	

**Part B: Content of the Course**

Total No. of Periods: 30


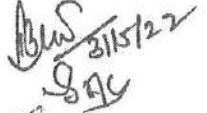
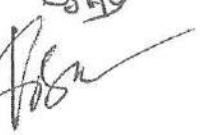
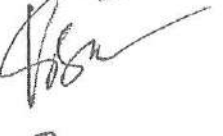
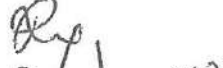
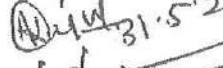
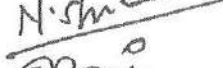
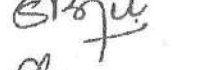
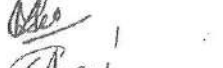
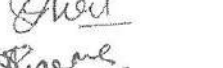


<b>Tentative Practical List</b>	<p><b>Note:</b> This is tentative list; the teacher concern can add more Experiments as Per Requirement.</p> <p>प्रयोग क्रमांक-1 प्राथमिक उपचार पेटी (आवश्यक सामान)</p> <ol style="list-style-type: none"> <li>1. घाव घोने एवं बांधने का सामान।</li> <li>2. दर्द कम करने की दवाईयाँ।</li> <li>3. अपाचन में प्रयुक्त दवाईयाँ।</li> </ol> <p>प्राथमिक उपचार पेटी छात्राएँ परीक्षा के समय अपना नाम एवं परिवार के सदस्यों की संख्या लिखकर प्रस्तुत करें</p> <p>प्रयोग क्रमांक-2 रोगी के लिये उपचारात्मक व्यंजनों का अध्यापक द्वारा करके बताना।</p> <ol style="list-style-type: none"> <li>1. सब्जियों का सूप।</li> <li>2. दाल का सूप।</li> <li>3. उबला अंडा।</li> <li>4. फटे दूध का पानी (व्हे वाटर)।</li> <li>5. सब्जी एवं फलों का स्टू (vegetables and fruit stew)</li> </ol> <p>इन व्यंजनों की विधि एवं उपयोगिता नोटबुक में अंकित की जावेगी।</p> <p>प्रयोग क्रमांक-3 प्राथमिक उपचार</p> <ol style="list-style-type: none"> <li>1. विभिन्न प्रकार की पिट्टियाँ।</li> <li>2. घाव की देखभाल।</li> <li>3. कृत्रिम श्वसन।</li> <li>4. हड्डी टूट की देखभाल।</li> </ol> <p>प्रयोग क्रमांक- 4 गृहपरिचर्या</p> <ol style="list-style-type: none"> <li>1. शरीर के तापमान का चार्ट।</li> <li>2. गरम एवं ठंडे पानी की थैली तैयार करना।</li> <li>3. बिस्तर लगाना/चद्दर बदलना।</li> <li>4. रक्तचाप मापन।</li> <li>5. ORS तैयार करना।</li> </ol> <p>प्रयोग क्रमांक- 5 दृश्य श्रव्य यंत्र का बनाना।</p> <p>प्रयोग क्रमांक- 6 आंगनबाड़ी भ्रमण।</p>
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	<p>संचालित योजनाओं की जानकारीप्राप्तकरना।</p> <p>प्रयोग क्रमांक-7 स्वच्छता, जागरूकता एवंप्रचार-प्रसार के लिए चार्ट/पोस्टर/ फलैशकार्ड बनाना।</p> <p>प्रयोगक्रमांक- 8 स्वास्थ्य, जागरूकता एवंप्रचार-प्रसार के लिए चार्ट/पोस्टर/ फलैशकार्ड बनाना।</p> <p>प्रोजेक्टवर्क-स्थानीय स्तर पर समाज में प्रचलित भोजन संबंधी भ्रंतियों का पता लगाना एवं उन्हें दूर करने के प्रयास करना (सैम्पल साईज 100, छात्रार्थे एक गुप्रमें 5 )</p> <p>महत्वपूर्ण बातें-छात्राओं द्वारा प्रायोगिक नोटबुक में लिखकर एवं अध्यापक द्वारा प्रति हस्ताक्षरित/प्रमाणित करवाकर परीक्षा के समय प्रस्तुत की जावेगी।</p>
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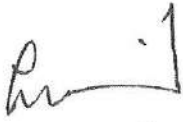
<b>Part C: Learning Resources</b>	
Text Books, Reference Books, Other Resources	
<b>Suggested Readings:</b>	
<ol style="list-style-type: none"> <li>1. Anatomy, Physiology And Health Education- Rohini Agrawal, Neeraj Agrawal, 2016 Edition, CBS Publisher.</li> <li>2. Concise Textbook of Physiology – Indu Khurana, Arushi Khurana, 3<sup>rd</sup> Editin, ELSEVIER.</li> <li>3. Human Physiology- C.C. Chatterjee, 12<sup>th</sup> Edition, CBS Publisher.</li> <li>4. Principles of Physiology- Debasis Pramanik 6<sup>th</sup> Edition J. P. Brothers Medical Publishers.</li> <li>5. Textbook of medical physiology- Guyton A.C.-Hall. J.E. 9<sup>th</sup> edition, Prism Books Private Limited Bangalore.</li> <li>6. Human Physiology in Nutshell - Dr. A. K. Jain, 5<sup>th</sup> Edition, Arya Publications.</li> <li>7. Human Anatomy and Physiology-Dr S H Rashid, 2<sup>nd</sup> Edition, SIA Publishers.</li> <li>8. Text book of Human Physiology- H D Singh, 3rd Edition, S Chand &amp; Co. Ltd.</li> <li>9. Anatomical knowledge for nurses- Catherine Arms Strong.</li> </ol>	
<b>E-learning Resources:</b>	
<ol style="list-style-type: none"> <li>1. Audio Visual Aids <a href="https://www.google.com/search?q=audio+visual+aids&amp;oq=audio+visual+aid&amp;aqs=chrome.0.0i433i512j69i57j0i51218.8257j0j9&amp;sourceid=chrome&amp;ie=UTF-8">https://www.google.com/search?q=audio+visual+aids&amp;oq=audio+visual+aid&amp;aqs=chrome.0.0i433i512j69i57j0i51218.8257j0j9&amp;sourceid=chrome&amp;ie=UTF-8</a></li> <li>2. First Aid Bok <a href="https://www.google.com/search?q=first+aid+box&amp;oq=First+Aid&amp;aqs=chrome.1.69i57j0i433i512j46i131i433i512j0i131i433i512j0i51212j0i433i512j46i131i433j0i131i433i512j0i512.3909j0j9&amp;sourceid=chrome&amp;ie=UTF-8">https://www.google.com/search?q=first+aid+box&amp;oq=First+Aid&amp;aqs=chrome.1.69i57j0i433i512j46i131i433i512j0i131i433i512j0i51212j0i433i512j46i131i433j0i131i433i512j0i512.3909j0j9&amp;sourceid=chrome&amp;ie=UTF-8</a></li> </ol>	
<b>Part D: Assessment and Evaluation</b>	
<b>Suggested Continuous Evaluation Methods:-</b>	
University Exam (UE): 50	

*tu*

आज दिनांक 31.05.2022 को केन्द्रीय अध्ययन मण्डल की मीटिंग गृहविज्ञान विभाग में आयोजित की गई जिसमें निम्नलिखित सदस्य उपस्थित हुए तथा विभिन्न गृहविज्ञान से संबंधित विषयों के पाठ्यक्रम संशोधित एवं अनुमोदित किये गये-

डॉ. सीमा मिश्रा, शासकीय विलासा कन्या महाविद्यालय, विलासपुर	- अध्यक्ष,	
डॉ. बबीता दुबे	- प्रतिनिधि, उच्च शिक्षा विभाग, नया रायपुर	
डॉ. भारती सेठी, डॉ. खूबचंद बघेल शासकीय स्नातकोत्तर महाविद्यालय, भिलाई-3, दुर्ग	- सदस्य	
डॉ. संध्या वर्मा, शासकीय कला एवं वाणिज्य महावि. देवेन्द्र नगर, रायपुर	- सदस्य	
डॉ. संध्या मदन मोहन, प्राचार्य, भिलाई महिला महाविद्यालय, भिलाई, एवं अध्यक्ष, अध्ययन मण्डल, हेमचंद्र यादव विश्वविद्यालय	- सदस्य	
डॉ. रश्मि मिंज, दूधघारी महिला महावि. रायपुर	- सदस्य	
डॉ. अल्का दुग्गल, वामन राय पाटनकर महिला महावि, दुर्ग	- सदस्य	
डॉ. निशा श्रीवास्तव, झेलीकास महिला महावि, अंबिकापुर	- सदस्य	
डॉ. शिप्रा बनर्जी, दूधघारी महिला महावि. रायपुर	- सदस्य	
श्रीमती ममता आर, देव, शासकीय कमलादेवी राठी महिला स्नातको. महावि. राजनांदगांव छ.ग.	- सदस्य	
सुश्री सुषमा घई, शासकीय विलासा कन्या महाविद्यालय, विलासपुर	- सदस्य	
डॉ. दीपाली राय, शासकीय घनश्याम सिंह गुप्त स्नातको. महावि, बालोव	- सदस्य	
डॉ. अर्चना दीक्षित, शासकीय विलासा कन्या महाविद्यालय, विलासपुर	- सदस्य	
डॉ. शांभा महिस्वर, शासकीय माता शबरी महावि. विलासपुर	- सदस्य	

डॉ. वर्षा डोडिया, विषय विशेषज्ञ तथा शेष अन्य सदस्य ऑन लाइन उपस्थित रहे.



**B.A.I**

**PSYCHOLOGY**

Paper	Name of the Paper	Max Marks	Duration
I	Basic Psychological Processes	50	3Hrs
II	Psychopathology	50	3Hrs
III	Practicum	50	4Hrs

**PAPER -I**

**BASIC PSYCHOLOGICAL PROCESSES (PaperCode-0119) M.M.:50**

**Note:** This paper consists of five units. From each unit a minimum of two questions would be set and the candidates would be required to attempt one from the each unit

**UNIT-1** Introduction: Definition and Goals of Psychology: Perspectives of Psychology: Behavioristic, Cognitive and Humanistic, Cross-cultural, Methods of Study -Experimental, Observational, Interview, Questionnaire and Case study. 1 Credit

**UNIT-2** Biological Basis of Behavior and Positive Psychology: Genes and Behavior. The Nervous System: The Central Nervous System (C.N.S.), the Autonomic Nervous System (A.N.S.) and the Peripheral Nervous System (P.N.S.). Positive Psychology: Basic Concepts. Emotional Intelligence and Social Intelligence. 1 Credit

**UNIT-3** Sensory and Perceptual Processes. Nature and Types of Sensation. Perception and Attention: Process, Definition, Types and Determinants; Principles of Perceptual Organization; Illusion: Nature and Types. 1 Credit



**UNIT-4** Learning and Memory: Classical and Operant Conditioning- Basic Processes: Verbal and Observational Learning: Memory: Sensory Memory (S.M.). Short-Term Memory (S.T.M.) and Long - term Memory (LTM.); Forgetting: Process and Theories. 1/2 Credit

**UNIT-5** Cognitive and Non-Cognitive Processes: Intelligence: Nature and Types. Motivation: Biogenic and Sociogenic Motives: Personality: Nature and Determinants: Approaches to study Personality: Trait and Type, Approaches: Assessment of personality. Reasoning- Inductive and Deductive Reasoning, Problem Solving. 1/2 Credit

Books Recommended-

1. सिंहअरुणकुमारसामान्यमनोविज्ञानबनारसप्रकाशन
2. वर्माप्रीतिआधुनिकसामान्यमनोविज्ञान
3. Baron, R.A. & Byrne, D. A. Understanding Behavior, Tokyo: Holt Sounders.
4. Zimbardo, P.G. Psychology. New York: Haper Collings College publisher.
5. Lefton, L. A. (1985) Psychology. Bosten-Allyn Publisher.
6. Walser, A.L. (1997)

NS  
Dauni  
Pri

Shree

SA

ANNA

Isay

Shukla  
26.5.22

Shukla  
26.5.22



B. A. -I  
PSYCHOLOGY  
PAPER- II

PSYCHOPATHOLOGY (Paper Code-0120) M.M.:50

**Note:** This paper consists of five units. From each unit a minimum of two questions would be set and the candidates would be required to attempt one from the each unit.

UNIT-1 Introduction: The concept of Normality and Abnormality. Models of Psychopathology: Psychodynamic, Behavioral and Cognitive. 1 Credit

UNIT-2 Assessment of Psychopathology: Diagnostic Tests, Rating Scales, Clinical Interview and Projective Tests. 1 Credit

UNIT-3 Anxiety Disorders: Panic Disorder, Phobias, Obsessive Compulsive Disorder (OCD) and Generalized Anxiety Disorder (GAD). 1 Credit

UNIT-4 Mood Disorders: Manic- Depressive Episode and Dysthymia; Personality Disorders: Paranoid, Schizoid and Dependent Personality Disorder. Dissociative Disorder and Obesity  
1/2 Credit

UNIT-5 Community Psychology: Role of Community Psychology , Behavior therapy, CBT, Psychosocial Therapy, Group Therapy, Counseling Technique, Psychoanalysis  
1/2 Credit

*Aarshi*  
*Prachi*  
*AD*  
*Amal*  
*Basu*

*Bhulda*  
*26-5-22*  
*Amal*  
*26-5-22*

Books Recommended-

1. Lamm, A. (1997). Introduction to Psychopathology. NY: Sage
2. Buss, A. H.(999). Psychopathology, NY: John Wiley
3. सिंह एवं तिवारी। असामान्य मनोविज्ञान। आगरा विनोद पुस्तक भंडार।
4. कपिल एच. के. असमान मनोविज्ञान। आगरा हर प्रसाद।

B. A.I

PSYCHOLOGY

PAPER- III

PRACTIUM

M.M.:50

Note: This paper consists of two parts

Part-A

- (a) Comprises of Laboratory Experiments
  - (b) Comprises of Psychological **Testing** and understanding of self and other
- (a) Experiments- (Any Four of the following)
    - (i) Effect of Set on Perception
    - (ii) Effect of Frustration on Performance.
    - (iii) Division of Attention
    - (iv) Problem Solving
    - (v) Proactive Inhibition
    - (vi) STM
    - (vii) Concept Formation
    - (viii) Muller Lyer Illusion

Part-B

*Aruni*  
*Rice*

*Anne*  
*Ash*

*Anmol*

*Arjun*

*Bhukla*  
*26-5-22*  
*Arjun*  
*26-5-22*

b) **Psychological Tests** (Any four of the following)

i) Verbal Nonverbal Intelligence Test/ Performance Tests.

(ii) Big Five Factor Personality Test

(iii) Happiness Scale

(iv) Emotional Intelligence

(v) Achievement Motivation

**EXPERIMENT AND TEST 1 CREDIT**

**Part-C**

Workshop/Value Added Personality Development- 30 Hours.

Anecdotal Record: Each student will be required to observe the behavior of pupil in different setting and select an anecdote to understand, Judge and narrate it as objectively as possible, so as to reveal his/ her psychological insight existing in that anecdotal behavior. This record constitutes a part of psychological assessment of the students. Introduction to the measures of central tendency and graphical presentation of the ungrouped data.

**Distribution of Marks**

- A. Conduction of Psychological Experiment and Reporting -10 Marks
- B. Administration of one Psychological Test and Reporting-10 Marks
- C. Evaluation of Practical notebook and Anecdotal record-10 Marks
- D. Viva-Voce -10 Marks
- E. Workshop/Value Added - 10 Marks

Note: No candidate will be allowed to appear in the practical examination unless his /her day-to-day practical work and the report are found satisfactory -1 Credit

Books Recommended:

Choubey. A. (2015). Psycho-lab- Experiment and Test. Raipur Vaibhav Praksha

*Aashish*  
*Rice*

*Praveen*  
*NR*

*Sh*

*Amal*  
93

*Case*

*Bhukla*  
26-5-22  
*96-5-22*

**CENTRAL BOARD OF STUDY**  
**ANCIENT INDIA HISTORY, CULTURE AND ARCHAEOLOGY**  
 New Curriculum  
 (Re-Revised)

<b>FOUR YEAR PROGRAMME BACHELOR OF ARTS</b>			
<b>Year</b>	<b>Course Code</b>	<b>Course Title</b>	<b>Awards</b>
B.A.	AIH-101 Mojar Core Course	History of Archaeology (5 Units)	Under Graduate certificate in Faculty + certificate
	AIH-102 Mojar Core Course	History of India (Starting to 2 <sup>nd</sup> Century B.C.) (5 Units)	
B.A. II	AIH-103 Mojar Core Course	Political History of India (From 319 A.D. to 1300 A.D.) (5 Units)	Under Graduate Diploma in Faculty + Certificate
	AIH-104 Mojar Core Course	Ancient Indian Society and Religion (5 Units)	
B.A. III	AIH-105 Mojar Core Course	Elements of Ancient Indian Architecture & Art (5 Units)	Under Graduate Degree Bachelor in Faculty + Certificate
	AIH-106 Mojar Core Course	Elements of Paleography & Numismatics (5 Units)	
	Practical Viva-voce/Tour Report		

**Note:** Hindi and English Language were Foundation Course and it is Compulsory.


  
 A.K. Puri  
 21/7/23



संशोधित पाठ्यक्रम  
Re-Reviews Syllabus

विषय : प्राचीन भारतीय इतिहास, संस्कृति तथा पुरातत्व  
Ancient India History, Culture and Archaeology

		कक्षा : बी.ए. प्रथम वर्ष Class : B.A. First Year
1	कोर्स कोड	AIH-101
2	कोर्स शीर्षक Course Title	पुरातत्व का इतिहास History of Archaeology
3	कोर्स का प्रकार Course Type	सैद्धांतिक – प्रथम पेपर Theory Paper First
4	पाठ्यक्रम अध्ययन की परिलब्धियां CLO	इस पाठ्यक्रम को पूरा करने के बाद छात्र इस स्थिति में होगा कि— 1 प्राचीन भारतीय प्रागैतिहासिक एवं पुरातात्विक स्थिति को समझ सके 2 मानव विकास के काल क्रम की जानकारी होगी 3 विषय से संबंधित विभिन्न अध्ययन पद्धतियों से परिचित होगा <b>Learning Outcome</b> (Subject Outcome): After studying this subject/paper the student will be able to:- 1. Understand the Pre-historic and archaeological status of ancient India. 2. Understand the phases of human development. 3. Become familiar with various methods of studying the subject.
5	कुल अंक Total Marks	अधिकतम अंक – 75 Maximum marks 75

*Handwritten signatures and date:*  
22/2/23

## भाग ब पाठ्यक्रम का प्रारम्भ

इकाई	विषय वस्तु
1	(1) मानव का उदभव एवं विकास Origin and Development of man (2) प्रागैतिहासिक सस्कृतियों, पुरा पाषाण काल, मध्य पाषाण काल एवं नव पाषाण काल Pre-Historic Culture, Palaeolithic, Mesolithic and Neo-lithic (3) ताम्र पाषाणिक सस्कृतियों, (कायथा, आहाड मानवा एवं जार्वे, Chalcolithic Cultures (Kayatha, Ahar, Malva and Jorvey)
2	(1) सिन्धु- सरस्वती सभ्यता के विभिन्न पक्ष Different sides of Indus-Saraswati Civilization (2) हड़प्पा, मोहनजोदड़ो, धौलावीरा Harappa, Mohanjodaro, Dhaulavira (3) कालीबंगा, लोथल और राखीगढी Kalibanga, Lothal and Rakhigarhi
3	1) पुरातात्विक सर्वेक्षण का उद्देश्य एवं विधियाँ Aims and Methods of Archaeological Exploration (2) उत्खनन का उद्देश्य एवं विधियाँ Methods and aims of Excavation
4	(1) तिथि निर्धारण की विधियाँ Dating Methods सापेक्ष एवं निरपेक्ष Relative and absolute
5	(1) उत्खनित सामग्रियों का अभिलेखीकरण Recoding of Excavated Antiquities (2) पुरातत्व के अधिनियम Acts related to Archaeology

## संदर्भ ग्रंथ सूची References books -

1.	के.डी. बाजपेयी	- मध्यप्रदेश का पुरातत्व
2.	आर.एम. व्हीलर	- पृथ्वी से पुरातत्व
3.	बी.एन.पुरी	- पुरातत्व विज्ञान
4.	जयनारायण पाण्डेय	- पुरातत्व विमर्श
5.	राकेश प्रकाश पाण्डेय	- पुरातत्व विज्ञान
6.	मदन मोहन सिंह	- पुरातत्व की रूपरेखा
7.	शिवस्वारूप सहाय	- प्रागैतिहासिक भारत
8.	ए.के.घोष	- इनसाइक्लोपिडिया इण्डियन आर्कियोलॉजी
9.	Pandey, J.N.	- Puratatva vimarsha
10.	Sakalya, H.D.	- Indian Archeaology Today.
11.	Sakalya, H.D.	- Prehistory and Protohistory of India and Pakistan. 1974
12.	Sakalya, H.D.	- Prehistory of India 1977.
13.	Subbarao, B.	- The Prehistory of India.
14.	Kenyan, K.M.	- Field Archaeology

संशोधित पाठ्यक्रम

## Re-Reviews Syllabus

विषय प्राचीन भारतीय इतिहास, संस्कृति तथा पुरातत्व  
Ancient India History, Culture and Archaeology

कक्षा बी.ए. प्रथम वर्ष

Class : B.A. First Year

1	कोर्स कोड	AIH-102
2	कोर्स शीर्षक Course Title	भारत का प्रारंभिक इतिहास (प्रारंभ से द्वितीय शताब्दी ई.पू. तक) History of India (Starting to 2nd Century B.C.)
3	कोर्स का प्रकार Course Type	सैद्धांतिक - द्वितीय पेपर Theory Paper second
4	पाठ्यक्रम अध्ययन की परिलक्षियां CLO	<p>After studying this subject/paper the student will be able to:-</p> <ol style="list-style-type: none"> <li>1. Understand about various sources of Ancient Indian History.</li> <li>2. Understand various chronological periods of Ancient Indian History.</li> <li>3. Become familiar with various aspects of Political and Cultural history of those periods.</li> </ol> <p>इस विषय का अध्ययन पूरा करने के बाद छात्र-छात्राये इस स्थिति में होंगे-</p> <ol style="list-style-type: none"> <li>1. प्राचीन भारतीय इतिहास के विभिन्न स्रोतों के बारे में जान सकेंगे।</li> <li>2. प्राचीन भारतीय इतिहास के विभिन्न कालखण्डों की जानकारी हो।</li> <li>3. राजनीतिक तथा सांस्कृतिक इतिहास के विभिन्न पहलुओं से परिचित होगा।</li> </ol>
5	कुल अंक Total Marks	अधिकतम अंक - 75 Maximum marks 75

  
  
 22/2/23



## भाग 4 पाठ्यक्रम का प्रसार

ईकाई

द्वितीय वर्ष

- 1 (1) प्राचीन भारतीय इतिहास के स्रोत  
Sources of Ancient Indian History  
(2) साहित्यिक - ब्राह्मण, जैन एवं बौद्ध, विदेशी यात्रियों के साहित्य  
Literary Sources (Brahman, Jain, Buddha, and Accounts of Foreign Travellers)  
(3) पुरातात्विक साक्ष्य, प्रमुख उपकरण, अभिलेख, मुद्रा, स्थापत्य एवं मूर्ति  
Archaeological Sources, Stone Tools, Inscriptions, Coins, Architecture and Sculptures
- 2 (1) वैदिक युग Vedic age  
(2) महाजानपद युग Mahajanpadas
- 3 (1) मगध साम्राज्य का उत्कर्ष Flourishing of Magadh Empire  
(2) चन्द्रगुप्त मौर्य एवं अशोक के उपलब्धियाँ  
Achievements of Chandragupta Maurya and Ashoka  
(3) मगध साम्राज्य का पतन Decline of Mauryan Empire
- 4 (1) हिन्दू-यूनानी Indo-Greeks  
(2) शुंग Sunga  
(3) सातवाहन Satvahana  
(4) शक-क्षत्रप, पार्थियन Shaka-kshatrap, Parthiyan
- 5 (1) खारवेल Kharvela  
(2) संगम युग Sangam Age  
(3) गणराज्य (मालव, यवधय, अजुनीयन तथा औदुम्बर)  
Republic State (Malav, Yavdhey, Arjunayan and Audumber)

## संदर्भ ग्रंथ सूची References books -

1. उदयनाथराव राव - गुप्त राजवंश तथा उसका इतिहास (नया संस्करण) 1988
2. श्री राम मोहल - भारत का राजनीतिक इतिहास भाग 2 एवं 3
3. श्री राम मोहल - गुप्त साम्राज्य का इतिहास
4. Ashvini Agrawal - Rise and Fall of the imperial Gupta
5. विष्णुदानंद पांडे - उत्तर भारत का राजनीतिक इतिहास
6. अश्व विद्यापी लाल अदव्शी - राष्ट्रपूत राजवंश
7. डॉ. सी. सी. शर्मा - परमार राजवंश
8. मंगलदी प्रसाद पांडे - चौखरी और पृथ्वीमि राजवंश
9. डॉ. के. ए. नीलकण्ठ शास्त्री - दक्षिण भारत का इतिहास
10. डॉ. दे. जगन्नाथ शर्मा - हर्षवर्धन
11. R.C. Majumdar & A.D. Pusalkar (Ed.) - The Classicale Age "The age of Imperial Unity" The Strangle for Empire
12. Majumdar, Roy Choudhary - An Advanced History of India Vol. I

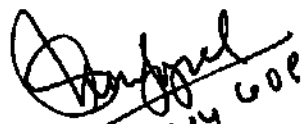
# DEFENCE STUDIES

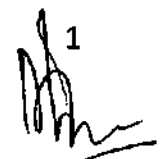
## Proposed Year wise structure of UG Program in Defence-Studies.

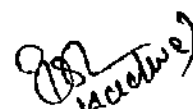
B.A. / B.Sc. I year	Certificate Course.
B.A. / B.Sc.I I year	Diploma Course.
B.A. / B.Sc. III year	Degree Course.

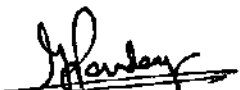
### Program Outcomes (Pos)

1. Upon completion of the program of Bachelor's in Defence Studies, a student should have acquired basic competency in strategic affairs covering a wide spectrum of interstate security to global security issues including non kinetic dimensions.
2. Shall develop capability in understanding the implications of use and threat of use of force in international relations.
3. Shall seek, identify and apply the acquired knowledge in defence studies on contemporary issues of strategic relevance.
4. Ability to move from LOTS ( Lower Order of thinking Skills) to HOTS ( Higher Order of Thinking Skills) in Defence Studies.
5. The learning of strategic Studies shall arm the candidates to independently choose further course of action in his/her life whether pursuing higher education by taking specialized course in honours or identifying a career for himself or herself.
6. The course curriculum in Defence Studies is designed to encourage the acquisition of disciplinary/subject understanding, gain academic knowledge and professional skills required for any carrier pursuit be it choosing for higher studies or a job. The outcome based approach , particularly in the context of Defence Studies for undergraduate programme will incorporate a significant shift from teachers centric to learner centric pedagogies and from specific to active/participatory pedagogies where emphasis will be on field study, educational tours, writing assignments, seminar presentation and tutorials etc. teaching, therefore, becomes more interesting and absorbing aiming at demonstrative learning.

  
(Dr. Venu Goenc)

  
(Dr. Meghesh Tiwari)

  
(Dr. P. Jaccarino)

  
(Prof. G.K. Pandey)

## B.A. / B.Sc. Part I Certificate Course of Defence Studies.

### Program Specific out come -

**Paper I – Indian Military History.**

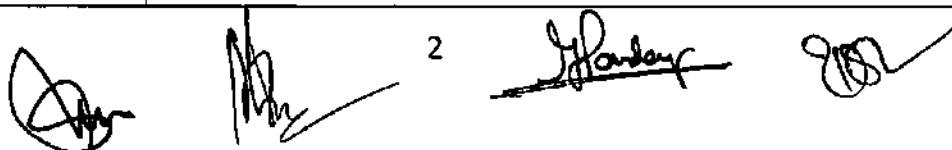
**Paper II – Defence Mechanism of India.**

Become familiar in evolution of art of warfare – learn and understand the strategy , tactics, application of principle of war and causes of defeat and victory of various Indian, Mughal, Maratha and Sikh Generals. Beside, in position to appreciate and understand evolutionary changes in the art and science of war in India through ages.

Clearly understand the Indian defence, economic and foreign policy. Know the higher defence organization armed forces and armed police forces. Gain an understanding of professional ethics and to apply in the field of national security rather than replicate curriculum content knowledge.

### Part – A Introduction

Programme – Certificate Course	Class – B.A. /B.Sc. Ist year	Year -	Session –
<b>Subject – Defence Studies</b>			
1	Course Code	DSIT - 0817	
2	Course Title	Indian Military History	
3	Course Type	Core Theory - I	
4	Pre requisite (if any)	Open for all	
5	Course Learning Outcomes CLO	After undergoing this course a student will be in a position to – 1. Will be familiar with the definition, importance and relation with other subjects of Defence Studies. 2. Know the period of Indian Military History. 3. Know about different Indian military system. 4. Will know about the historical war of India's. 5. Information about the Indian army of the British era.	
6	Credit Value	Theory - 4	
7	Total Marks	Maximum Marks - 50	



## Part – B Content of the Course

Total number of Lectures – Tutorials – 03/week ( 2 Hrs.15 Min.)		
Total number of Lectures - 60		
Unit	Topic	No. of Lectures
1	1. The definition and scope of Defence Studies and its relationship With other subjects. 2. Art of war Epic and Puranic period. 3. Comparative study of Indo-Greek art of war with special Reference to the Battle of Hydaspus (326 B.C.). 4. Maurya Military system and art of war.	12
2	1. Kautilya's philosophy of war. 2. Gupta's military system and art of war. 3. Military system of Harshvardhan. 4. Decline of Chariots and importance of Elephant and Cavalry.	12
3	1. Mugal military system. 2. Rajput and Turk pattern of warfare with reference to Battle of Somnath and Battle of Tarain . 3. Causes of the fall of Rajput military system. 4. Army organization during Sultanate period. 5. Battle of Panipat (1526 AD) and Battle of Haldighati (1576AD)	12
4	1. Maratha military system. 2. Warfare of Shivaji Maharaj. 3. Battle of Assai (1803AD). 4. Sikh military system. 5. Battle of Soberaon (1846 AD).	12
5	1 1857 Liberation movement. 2 Reorganisation of Indian army under the Crown. 3 Nationalisation of Indian army after Independence. 4 Military reforms of Lord Kitchner's.	12

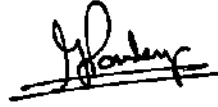





## Part – C Learning Resources

### Text Books, Reference Books and other Resources.

1.	Military System of Ancient India	: B.K. Majumdar
2.	Generalship of Alexander the Great	: J.F.C. Fuller
3.	Kautilya Arthashastra	: K.P. Kanbley
4.	Military History of India	: J.N. Sarkar
5.	N P Tewari	: Bhartiya Sainya Itihaas
6.	Lallan ji Singh	: Bhartiya Sainya Itihaas aur Yudh Ke Siddhant
7.	F.S. Bajwa	: Military system of sikh
8.	R .P. Tripathi	: Rise and fall of the mugal
9.	N. R. Gupta	: Marathas and Panipat
10.	Y. K. Sharma	: Military science part I
11.	Jadunath Sarkar	: Military history of India
12.	B.K. Majumdar	: Bhartiya sena ka itihās



भाग अ : परिचय			
सर्टिफिकेट कोर्स	कक्षा : बी.ए./बी.एससी. प्रथम वर्ष	वर्ष :	सत्र :
विषय : रक्षा अध्ययन			
1	कोर्स कोड	DSIT - 0817	
2	कोर्स शीर्षक	भारतीय सैन्य इतिहास	
3	कोर्स का प्रकार	कोर सैद्धांतिक - 1	
4	पूर्व आवश्यकता	सभी के लिए	
5	पाठ्यक्रम अध्ययन की परिलब्धियां CLO	<p>इस पाठ्यक्रम को पूरा करने के बाद छात्र इस स्थिति में होगा कि-</p> <ol style="list-style-type: none"> <li>1 रक्षा अध्ययन की परिभाषा, महत्व व अन्य विषयों के साथ सम्बन्ध से परिचित होगा।</li> <li>2 भारतीय सैन्य इतिहास के काल को जानेगा।</li> <li>3 विभिन्न भारतीय सैन्य पद्धतों की जानकारी होगी।</li> <li>4 ऐतिहासिक युद्ध की सम्पूर्ण जानकारी होगी।</li> <li>5 ब्रिटिश कालीन भारतीय सेना की जानकारी होगी।</li> </ol>	
6	क्रेडिट मूल्य	सैद्धांतिक - 4	
7	कुल अंक	अधिकतम अंक - 50	

भाग ब : पाठ्यक्रम की सामग्री

कुल व्याख्यानों की संख्या - ट्यूटोरियल 03 प्रति सप्ताह / 2 घंटा 15 मिनट		
व्याख्यानों की कुल संख्या - 60		
ईकाई	विषय वस्तु	व्याख्यानों की संख्या
1	<ol style="list-style-type: none"> <li>1 रक्षा अध्ययन की परिभाषा व दायरा तथा अन्य विषयों के साथ सम्बन्ध</li> <li>2 महाकाव्य व पुराणिक काल की युद्ध कला.</li> <li>3 भारतीय - यूनानी युद्धकला का तुलनात्मक अध्ययन , झेलम के संग्राम (326 ई.पू.) के संदर्भ में.</li> <li>4 मौर्यकालीन सैन्य पद्धति व युद्धकला.</li> </ol>	12
2	<ol style="list-style-type: none"> <li>1 कौटिल्य का युद्ध दर्शन.</li> <li>2 गुप्तकाल की सैन्य पद्धति व युद्ध कला</li> <li>3 हर्षवर्धन की सैन्य पद्धति</li> <li>4 रथसेना की अवनति तथा गज व अश्व सेना का महत्व.</li> </ol>	12

5

3	1 मुगलकालीन सैन्य पद्धति 2 राजपुत व तुर्क युद्धकला, सोमनाथ का युद्ध व तराइन के संग्राम के संदर्भ में. 3 राजपुत सैन्य पद्धति व इनके पतन के कारण. 4 सल्तनत काल का सैन्य संगठन. 5 पानीपत का संग्राम 1526 ई. व हल्दीघाटी का युद्ध 1576 ई.	12
4	1 मराठा सैन्य पद्धति 2 शिवाजी की युद्ध कला 3 असई का संग्राम 1803 ई. 4 सिख सैन्य पद्धति. 5 सोबरोव का युद्ध 1846 ई.	12
5	1 1857 का स्वतंत्रता आंदोलन 2 ब्रिटीश क्राउन के अधीन भारतीय सेना का पुर्नगठन. 3 स्वतंत्रता के बाद भारतीय सेना का राष्ट्रीयकरण 4 लार्ड किचनर के सैन्य सुधार	12

भाग - स अनुशंसित अध्ययन संसाधन

पाठ्यपुस्तकें, संदर्भ पुस्तकें, अन्य संसाधन	
1.	Military System of Ancient India : B.K. Majumdar
2.	Generalship of Alexander the Great : J.F.C. Fuller
3.	Kautilya Arthashastra : K.P. Kanbley
4.	Military History of India : J.N. Sarkar
5.	N P Tewari : Bhartiya Sainya Itihaas
6.	Lallan ji Singh : Bhartiya Sainya Itihaas aur Yudh Ke Siddhant
7.	F.S. Bajwa : Military system of sikh
8.	R .P. Tripathi : Rise and fall of the mugal
9.	N. R. Gupta : Marathas and Panipat
10.	Y. K. Sharma : Military science part 1
11.	Jadunath Sarkar : Military history of India
12.	B.K. Majumdar : Bhartiya sena ka itihis





Part – A Introduction			
Programme – Certificate Course	Class – B.A. /B.Sc. Ist year	Year -	Session –
<b>Subject – Defence Studies</b>			
1	Course Code	DS2T - 0818	
2	Course Title	Defence Mechanism of the India	
3	Course Type	Core Theory - II	
4	Pre requisite (if any)	Open for all	
5	Course Learning Outcomes CLO	After undergoing this course a student will be in a position to – 1. Will be familiar with Indian defence policy, Foreign policy and Economic policy. 2. Know the higher defence organization of India. 3. Understand the role of President, Parliament and various Defence committees in defence system. 4. Armed forces headquarters will have information. 5. There will be information about Central armed police forces And intelligence agencies. 6 . Understand civil defence.	
6	Credit Value	Theory - 4	
7	Total Marks	Maximum Marks - 50	

### Part – B Content of the Course

Total number of Lectures – Tutorials – 03/week ( 2 Hrs.15 Min.)		
Total number of Lectures - 60		
Unit	Topic	No. of Lectures
1	1. Evaluation of national defence policy. 2. Interdependence of defence, foreign and economic policies. 3. Military organization – definition and principles. 4. Military administration framework.	12
2	1. Higher defence organization of India. 2. Power of President with respect to the armed forces. 3. Parliament and armed forces.. 4. Political affair committee (Defence) of the Cabinet – Organisation and role.	12



	5. National Security Council and its role.	
3	1. Organisation of Ministry of Defence. 2. Organisation of Army headquarter. 3. Organisation of Naval headquarter. 4. Organisation of Airforce headquarter.	12
4	1. Organisation and role of Central armed police force and Paramilitary forces. 2. Organisation and role of Indian Intelligence agencies. 3. Military Intelligence. 4. Role of NCC in preparing youth for defence services.	12
5	1. Civil Defence – definition, meaning and organization. 2. Importance and role of civil defence during war and peace. 3. Air-raid signal and precaution before and after bombarding. 4. The role of armed forces assistance to civil authorities.	12

### Part – C Learning Resources

Text Books, Reference Books and other Resources.		
1.	Indian Army, A Sketch of its History & Organization	: E.H.E. Choen
2.	Defence Organization in India	: Venkateshwarm
3.	J.F.C. Fuller	: Armament and History
4.	B.K.Tandon	: Pashchaty a Yodhan Sambhar.
5.	N.P.Tewari	: Yodhan Sambhar
6.	M.P.Verma	: Yodhan Sambhar
7.	Arther Birnie	: Art of War
8.	A.P.J. Abdul Kalam	: Mere Sapno ka Bharat

भाग अ : परिचय			
सर्टिफिकेट कोर्स	कक्षा : बी.ए./बी.एससी. प्रथम वर्ष	वर्ष :	सत्र :
विषय : रक्षा अध्ययन			
1	कोर्स कोड	DSIT - 0818	
2	कोर्स शीर्षक	भारत का रक्षा तंत्र	
3	कोर्स का प्रकार	कोर सैद्धांतिक - 2	
4	पूर्व आवश्यकता	सभी के लिए	
5	पाठ्यक्रम अध्ययन की परिलब्धियां CLO	<p>इस पाठ्यक्रम को पूरा करने के बाद छात्र इस स्थिति में होगा कि-</p> <ol style="list-style-type: none"> <li>1 भारतीय रक्षा नीति, विदेश नीति व आर्थिक नीति से परिचित होंगे।</li> <li>2 भारत के उच्चतर रक्षा संगठन को जानेगें।</li> <li>3 राष्ट्रपति, संसद व विभिन्न रक्षा समितियों की भूमिका की जानकारी होगी।</li> <li>4 सशस्त्र सेनाओं के मुख्यालयों व भूमिका की जानकारी होगी।</li> <li>5 समानान्तर सैन्य बलों व खुफिया विभागों की भूमिका व कार्यों को जानेगें।</li> <li>6 नागरिक प्रतिरक्षा की जानकारी होगी।</li> </ol>	
6	क्रेडिट मूल्य	सैद्धांतिक - 4	
7	कुल अंक	अधिकतम अंक - 50	

भाग ब : पाठ्यक्रम की सामग्री

कुल व्याख्यानों की संख्या - ट्यूटोरियल 03 प्रति सप्ताह / 2 घंटा 15 मिनट		
व्याख्यानों की कुल संख्या - 60		
ईकाई	विषय वस्तु	व्याख्यानों की संख्या
1	<ol style="list-style-type: none"> <li>1 भारतीय रक्षा नीति का विकास</li> <li>2 रक्षा नीति, विदेश नीति व आर्थिक नीति का अर्न्तसम्बन्ध.</li> <li>3 सैन्य संगठन - परिभाषा, सिद्धान्त</li> <li>4 सैन्य प्रशासन की रुपरेखा.</li> </ol>	12
2	<ol style="list-style-type: none"> <li>1 भारत का उच्चतर रक्षा संगठन</li> <li>2 सशस्त्र सेनाओं के संदर्भ में राष्ट्रपति की शक्तिया.</li> <li>3 संसद व सशस्त्र सेनाएँ</li> <li>4 राजनीतिक मामलों की मंत्रीमंडलीय समिति - संगठन व शांतिकाल व युद्धकाल में भूमिका.</li> </ol>	12

	5 राष्ट्रीय रक्षा परिषद – संगठन व भूमिका.	
3	1 रक्षा मंत्रालय का संगठन व भूमिका 2 थल सेना मुख्यालय का संगठन व कमान 3 नौसेना मुख्यालय का संगठन व कमान 4 वायु सेना मुख्यालय का संगठन व कमान	12
4	1 केन्द्रीय सशस्त्र पुलिस बल व अर्द्धसैनिक बल – संगठन व भूमिका. 2 भारतीय खुफिया एजेंसिया – संगठन व भूमिका. 3 सेना की खुफिया एजेंसिया. 4 युवाओं को रक्षा सेवाओं के लिए तैयार करने में एन.सी.सी. की भूमिका.	12
5	1 नागरिक प्रतिरक्षा – परिभाषा, अर्थ व संगठन. 2 नागरिक प्रतिरक्षा का युद्धकाल व शांतिकाल में महत्व व भूमिका. 3 हवाई हमलों की चेतावनी तथा बमवर्षा के पहलें व बाद में बचाव. 4 नागरिक प्रशासन की सहायतार्थ सशस्त्र सेनाओं की भूमिका.	12

भाग – स अनुशंसित अध्ययन संसाधन

पाठ्यपुस्तकें, संदर्भ पुस्तकें, अन्य संसाधन		
1.	Indian Army, A Sketch of its History & Organization	: E.H.E. Choen
2.	Defence Organization in India	: Venkateshwarm
3.	J.F.C. Fuller	: Armament and History
4.	B.K.Tandon	: Pashchaty a Yodhan Sambhar.
5.	N.P.Tewari	: Yodhan Sambhar
6.	M.P.Verma	: Yodhan Sambhar
7.	Arther Birnie	: Art of War
8.	A.P.J. Abdul Kalam	: Mere Sapno ka Bharat

Part – A Introduction			
Programme – Certificate Course	Class – B.A. /B.Sc. Ist year	Year -	Session –
Subject – Defence Studies			
1	Course Code	DS Practical	
2	Course Title	Elementary Map Reading	
3	Course Type	Core Practical	
4	Pre requisite (if any)	Open for all	
5	Course Learning Outcomes CLO	After undergoing this course a student will be in a position to – 1. Clearly understand the practical use of map reading. 2. Know the rank and badges of Armed forces. 3. Familiarize yourself with the place of strategic importance on The map of India.	
6	Credit Value	Practical- 2	
7	Total Marks	Maximum Marks - 50	

### Part – B Content of the Course

Total number of Lectures – Practical – 04/week ( 3 Hrs.)		
Total number of Lectures - 60		
	Topic	
1	1. Map – definition, types and marginal information. 2. Conventional signs – Military and Geographical. 3. Direction and cardinal points. 4. Types of north, angle of convergence. 5. Prismatic compass – its parts and uses. 6. Service protector – uses. 7. Rank and Badges of Indian armed forces. 8. Showing the places of strategic importance on the map of India – a. India and her neighbor. b. Indian states and Union territories with Capital. c. Armed force command's headquarters.	12

## Part – C Learning Resources

### Text Books, Reference Books and other Resources.

- |                    |   |  |
|--------------------|---|--|
| 1. M.P.Verma       | : | Sainik manchitra vigyan                  |
| 2. Y.K. Sharma     | : | Map reading                              |
| 3. Balwant Singh   | : | An easy approach to map reading          |
| 4. Gale and Porden | : | A complete guide to military map reading |
| 5. J.M. Srivastava | : | Practical military science part 1        |
| 6. B.N. Maliwal    | : | Military science practical               |



भाग अ : परिचय	
कक्षा : बी.ए./बी.एससी. प्रथम वर्ष	वर्ष :                      सत्र :
विषय : रक्षा अध्ययन	
कोर्स कोड	DSIP
कोर्स शीर्षक	प्रारम्भिक मानचित्र अध्ययन
कोर्स का प्रकार	कोर प्रायोगिक
पूर्व आवश्यकता	सभी के लिए
पाठ्यक्रम अध्ययन की परिलक्षियां CLO	इस पाठ्यक्रम को पूरा करने के बाद छात्र इस स्थिति में होगा कि— 1 मानचित्र पठन के व्यावहारिक उपयोग को स्पष्ट रूप से जानेंगे. 2 सशस्त्र सेनाओं के पद व बेजेस को जानेंगे। 3 भारत के मानचित्र में स्त्रातजिक महत्व के स्थानों से परिचित होंगे.
क्रेडिट मूल्य	प्रायोगिक - 2
कुल अंक	अधिकतम अंक - 50

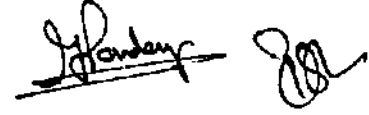
भाग ब : पाठ्यक्रम की सामग्री

कुल व्याख्यानों की संख्या - प्रायोगिक 04 प्रति सप्ताह /3 घंटा		
व्याख्यानों की कुल संख्या - 60		
	विषय वस्तु	व्याख्यानों की संख्या
	<ol style="list-style-type: none"> <li>1 मानचित्र - परिभाषा, प्रकार व हाशिए में दी गई सूचनाएँ</li> <li>2 सांकेतिक चिन्ह - सैन्य व भौगोलिक</li> <li>3 दिशाएँ व प्रमुख बिन्दू</li> <li>4 उत्तर के प्रकार व कन्वर्जेन्स कोण</li> <li>5 प्रिज्मेटिक कम्पास - भाग व उपयोग</li> <li>6 सर्विस प्रोटेक्टर - उपयोग</li> <li>7 थल सेना, नौसेना व वायु सेना के पद व बेजेस.</li> <li>8 भारत के मानचित्र में स्त्रातजिक महत्व के स्थान दर्शाना - अ. भारत के पड़ोसी देश ब. भारतीय राज्य, केन्द्रशासित प्रदेश व उनकी राजधानियाँ स. सशस्त्र सेनाओं की कमान के मुख्यालय.</li> </ol>	



भाग - स अनुशंसित अध्ययन संसाधन

पाठ्यपुस्तके, संदर्भ पुस्तके , अन्य संसाधन	
1. M.P.Verma	: Sainik manchitra vigyan
2. Y.K. Sharma	: Map reading
3. Balwant Singh	: An easy approach to map reading
4. Gale and Porden	: A complete guide to military map reading
5. J.M. Srivastava	: Practical military science part 1
6. B.N. Maliwal	: Military science practical



**BA ( HOME SCIENCE )**

Year	Course Code	Subject Name	Theory / Practical	Total Credit	Marks	
					Max	Min
<b>Theory First Year</b>	BA HSC-1T	Home Science paper-1 (Anatomy Physiology and Hygiene)	Theory	4	50	17
	BA HSC-2T	Home Science paper-2 (Extension Education)	Theory	4	50	17
	BA HSC -1P	Home Science Practical-1	Practical	2	50	17
<b>Second Year</b>	BA HSC -3T	Home Science paper-3 (वस्त्र विज्ञान)	Theory	4	50	17
	BA HSC 4T	Home Science paper-4 (गृह प्रबंध)	Theory	4	50	17
	BA HSC 2P	Home Science Practical-2	Practical	2	50	17
<b>Third Year</b>	BA HSC -5T	Home Science paper-5 (Human Development)	Theory	4	50	17
	BA HSC -6T	Home Science paper-6 (आहार एवं पोषण)	Theory	4	50	17
	BA HSC -3P	Home Science Practical-3	Practical	2	50	17
		<b>Total (I+II+III)</b>		<b>30</b>	<b>450</b>	

<b>Part A: Introduction</b>			
Program: <b>Certificate Course</b>		Class: <b>B.A. I Year</b>	Year: <b>2022</b> Session: <b>2022-2023</b>
1	Course Code	BAHSC-1T	
2	Course Title	Home Science- Paper 1 (Anatomy Physiology and Hygiene)	
3	Course Type	Theory	
4	Pre-requisite(if any)	NO	
5	Course Learning Outcomes (CLO)	At the end of this course, the students will be enable to: <ul style="list-style-type: none"> <li>• To understand Basic of Human Body Structure.</li> <li>• To understand Basic of Human Body Functioning.</li> <li>• To understand Basic of Primary Health care.</li> <li>• To understand Basic knowledge of First Aid.</li> <li>• To understand Basic knowledge of Home Nursing.</li> </ul>	
6	Credit Value	<b>Theory: 4</b>	
7	Total Marks	<b>Max. Marks: 50</b>	<b>Min Passing Marks : 17</b>

<b>Part B: Content of the Course</b>		
Total No. of Periods: 60		
<b>Unit</b>	<b>Topics</b>	<b>No. of Periods</b>
I	<b>Structure &amp; functions:</b> of cellular organelles and inclusions, General introduction of Tissue and their functions: Epithelial, Connective, Osseous, Cartilage, Nervous tissue. Skeletal system: Types of bones: Dense and Spongy, Classification general structure & function of bones. Muscular system: General Structure types and function: Skeletal, Cardiac and Visceral.	12
II	<b>Circulatory system:</b> General structure of organs and functions, Heart, Artery, Vein, Capillary. Composition of blood & function: RBC, WBC and Platelets, Plasma. Respiratory system: General structure of organs and function, Lung, Alveoli, Diaphragm.	12
III	<b>Digestive system:</b> General introduction of Nutrients, Liver and spleen organs of digestion their general structure and function, Stomach, small and large intestine, Excretory system- Organs of excretion. Kidney: Nephron, Malpighian body, Urinary Tubules, Skin. Normal and abnormal, Composition of urine.	12

IV	<b>Nervous system:</b> Central nervous system structure and function, Brain and Spinal cord, Senses and Sensory organs: ear and eye structure & function, Endocrine Glands Thyroid Gland, Pituitary Gland, Pancreas, Reproductive System: Male and Female.	12
V	<b>Hygiene:</b> Personal Hygiene, Social Hygiene, Environmental and Industrial Hygiene. Water: its importance and purification. Air: its importance and purification. First Aid: Fire Injury, Drawing, Accident, Fractures, Poisoning	12
<b>Keywords:</b> Anatomy, Physiology, Cellular organelles, inclusions, Heart, Blood, Blood Pressure, Kidney, Urine, Reproductive system, Hygiene, First Aid		

### Part C: Learning Resources

Text Books, Reference Books, Other Resources

#### Suggested Readings:

1. Anatomy, Physiology And Health Education- Rohini Agrawal, Neeraj Agrawal, 2016 Edition, CBS Publisher.
2. Concise Textbook of Physiology – Indu Khurana, Arushi Khurana, 3<sup>rd</sup> Editin, ELSEVIER.
3. Human Physiology- C.C. Chatterjee, 12<sup>th</sup> Edition, CBS Publisher.
4. Principles of Physiology- Debasis Pramanik 6<sup>th</sup> Edition J. P. Brothers Medical Publishers.
5. Textbook of medical physiology- Guyton A.C.-Hall. J.E. 9<sup>th</sup> edition, Prism Books Private Limited Bangalore.
6. Human Physiology In Nutshell - Dr. A. K. Jain, 5<sup>th</sup> Edition, Arya Publications.
7. Human Anatomy and Physiology-Dr S H Rashid, 2<sup>nd</sup> Edition, SIA Publishers.
8. Text book of Human Physiology- H D Singh, 3<sup>rd</sup> Edition, S Chand & Co. Ltd.
9. Anatomical knowledge for nurses- Catherine Arms Strong.

#### E-learning Resources:

1. Metabolic acidosis- renal tubular acidosis  
<https://youtu.be/XFSV7Ugk8xQ>
2. Physiology of Adrenal Medulla  
<https://youtu.be/RDIvpo4KKxc>
3. Physiology of Thyroid gland  
<https://youtu.be/yv15bWx7a48>
4. Cellular respiration  
<https://youtu.be/KBesLBnx968>
5. Calcium transporters  
<https://youtu.be/lsTaWVyEhXk>
6. Cardiac action potentials  
<https://youtu.be/MVkcDIXj8Gc>
7. cell membrane proteins  
<https://youtu.be/DtSvzVoD-A>
8. Cell Membrane  
<https://youtu.be/j1kuax7Kwzk>
9. Membrane Transport : Ion channels- <https://youtu.be/eSgVHvsRG7Q>





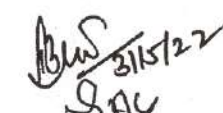

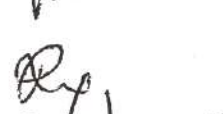

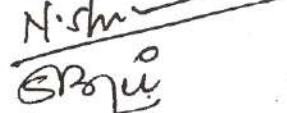
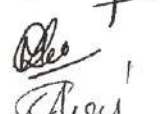
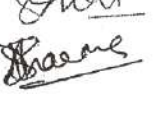





**Part D: Assessment and Evaluation**

**Suggested Continuous Evaluation Methods-:**

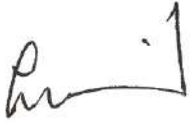
University Exam (UE): 50 Marks

*Ans-1*

आज दिनांक 31.05.2022 को केन्द्रीय अध्ययन मण्डल की मीटिंग गृहविज्ञान विभाग में आयोजित की गई जिसमें निम्नलिखित सदस्य उपस्थित हुए तथा विभिन्न गृहविज्ञान से संबंधित विषयों के पाठ्यक्रम संशोधित एवं अनुमोदित किये गये-

डॉ. सीमा मिश्रा, शासकीय विलासा कन्या महाविद्यालय, बिलासपुर	- अध्यक्ष	
डॉ. बबीता दुबे	- प्रतिनिधि, उच्च शिक्षा विभाग, नया रायपुर	
डॉ. भारती सेठी, डॉ. खूबचंद बघेल शासकीय स्नातकोत्तर महाविद्यालय, भिलाई-3, दुर्ग	- सदस्य	
डॉ. संध्या वर्मा, शासकीय कला एवं वाणिज्य महावि. देवेन्द्र नगर, रायपुर	- सदस्य	
डॉ. संध्या मदन मोहन, प्राचार्य, भिलाई महिला महाविद्यालय, भिलाई, एवं अध्यक्ष, अध्ययन मण्डल, हेमचंद यादव विश्वविद्यालय	- सदस्य	
डॉ. रश्मि मिंज, दूधाधारी महिला महावि. रायपुर	- सदस्य	
डॉ. अल्का दुग्गल, वामन राय पाटनकर महिला महावि, दुर्ग	- सदस्य	
डॉ. निशा श्रीवास्तव, होलीकास महिला महावि. अर्बिकापुर	- सदस्य	
डॉ. शिप्रा बनर्जी, दूधाधारी महिला महावि. रायपुर	- सदस्य	
श्रीमती ममता आर, देव, शासकीय कमलादेवी राठी महिला स्नातको. महावि. राजनांदगांव छ.ग.	- सदस्य	
सुश्री सुषमा घई, शासकीय विलासा कन्या महाविद्यालय, बिलासपुर	- सदस्य	
डॉ. दीपाली राव, शासकीय घनश्याम सिंह गुप्त स्नातको. महावि, बालोद	- सदस्य	
डॉ. अर्चना दीक्षित, शासकीय विलासा कन्या महाविद्यालय, बिलासपुर	- सदस्य	
डॉ. शोभा महिस्वर, शासकीय माता शबरी महावि. बिलासपुर	- सदस्य	

डॉ. वर्षा डोडिया, विषय विशेषज्ञ तथा शेष अन्य सदस्य आंत लाइन  
उपस्थित रहे.



**Part A: Introduction**

Program: <b>Certificate Course</b>		Class: <b>B.A. I Year</b>	Year: <b>2022</b>	Session: <b>2022-2023</b>
1	Course Code	BAHSC-2T		
2	Course Title	Home Science- Paper 2 (Extension Education)		
3	Course Type	Theory		
4	Pre-requisite(if any)	NO		
5	Course Learning Outcomes (CLO)	<p>At the end of this course, the students will be enable to:</p> <ul style="list-style-type: none"> <li>• To understand Basics Knowledge of Home Science Extension Education.</li> <li>• To understand Basic knowledge of Community Development and Role of Home Scientists.</li> <li>• To understand Basic knowledge of Teaching methods &amp; aid.</li> <li>• To understand Basic knowledge of Attitude towards Home Science.</li> <li>• To understand Basic knowledge of Curriculum Planning in Home Science.</li> </ul>		
6	Credit Value	Theory: 4		
7	Total Marks	Max. Marks: 50	Min Passing Marks: 17	

**Part B: Content of the Course**

Total Periods: 60

Unit	Topics	No. of Periods
I	<b>Introduction of Home Science Extension Education:</b> Home Science: Concepts, goals and Areas of Home Science & their inter relationship with extension, Principles and methods of home science extension education general concepts of extension work, Objectives of extension education qualities to extension workers, extension education process.	12
II	<b>Community Development problems and Role of Home Scientists:</b> Principles of community development organization and function of community development, Role of home scientists in community development programmes of extension education for community. Programmes of community development at central, state, district, block and village level. Family planning programme, Community problems, child marriage, Dowry system, parda-pratha, rural indebtedness unemployment.	12
III	<b>Teaching methods &amp; aids:</b> Methods of learning: Discussion, demonstration, observation and their application to home science teaching, Extension Methods: their scope advantages and application, Scope and use in Home Science teaching. Extension Methods- their scope advantages and application	12





IV	<b>Attitude towards Home Science:</b> Attitudes towards Home Science, Motivation towards Home science, Application of Home Science towards improvement in family living, Job opportunities in Home Science National and International agencies and their collaboration with Home Science, Official organization Home Science Association of India, W.H.O. FAG, CARE, ICAR ICDS, ICSSR, ICMR, IRDP, Adult education.	12
V	<b>Curriculum Planning in Home Science:</b> Basic concept of curriculum planning components of curriculum, planning Implementation evolution and improvement required in the existing System of Home Science, Education policy and its relevance to Home Science Programme planning concept, Principles objectives and steps in programme planning.	12
<b>Keywords:</b> Goals of Home Science Education, Planning for Home Science Education, Link of Various agencies for Home science, Curriculum Planning in Home Science.		

<b>Part C: Learning Resources</b>	
Text Books. Reference Books, Other Resources	
<b>Suggested Readings:</b>	
<ol style="list-style-type: none"> <li>1. Communication And Instructional Technology– Indu Grover, Sushma Kaushik,1<sup>st</sup> Edition Agrotech PublishingAcademy .</li> <li>2. Extension communication &amp;Management- G.L. Ray,1<sup>st</sup> Edition , Kalyani Publishers.</li> <li>3. Communication And Extension Management- Dr. Jitendra Chauhan,2<sup>nd</sup> Edition, Kushal Publication.</li> <li>4. Rural Development principles policies &amp; management- Kartar Singh,3<sup>rd</sup> Edition , Sage Publications India Pvt Ltd.</li> <li>5. Extension education &amp; communication V.K. Dubey,Indira Bishnoi,1<sup>st</sup> Edition,New Age International Publishers.</li> <li>6. Education and communication for Development by O P Dhama 2<sup>nd</sup>Edition , Oxford &amp; Ibh Publishing</li> <li>7. An Introduction To Extension Education- SV Supe, 2<sup>nd</sup> Eition , Oxford &amp;Ibh Publishing.</li> <li>8. A Study of Rural Economics - Systems Approach- Vasant Desai,Himalaya Publishing House, New Delhi.</li> <li>9. SWAYAM portal based course Information and Communication technology- Dr. Aprajita Bhatt</li> <li>10. SWAYAM portal based course Home science- Extension and Communication management level-1 course no.43.</li> </ol>	
<b>E-Learning Resource:</b>	
<ol style="list-style-type: none"> <li>1. <a href="https://youtu.be/-bW8gYwOIGM">https://youtu.be/-bW8gYwOIGM</a></li> <li>2. <a href="https://youtu.be/c7fQOnIyV6s">https://youtu.be/c7fQOnIyV6s</a></li> <li>3. <a href="https://youtu.be/6EI5S2wpBlk">https://youtu.be/6EI5S2wpBlk</a></li> <li>4. <a href="https://youtu.be/oCJ4NIzch7w">https://youtu.be/oCJ4NIzch7w</a></li> <li>5. <a href="https://youtu.be/vOVmKIgSCzs">https://youtu.be/vOVmKIgSCzs</a></li> <li>6. <a href="https://youtu.be/NKQIQMVNZdQ">https://youtu.be/NKQIQMVNZdQ</a></li> </ol>	


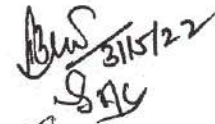


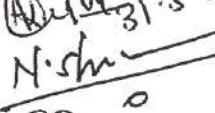
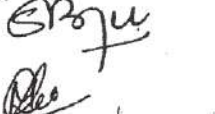
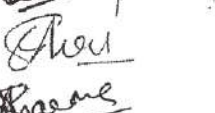

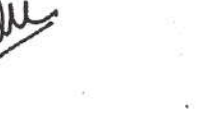
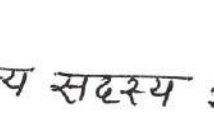



**Part D: Assessment and Evaluation**

**Suggested Continuous Evaluation Methods:-**

University Exam (UE): 50

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आज दिनांक 31.05.2022 को केन्द्रीय अध्ययन मण्डल की मीटिंग गृहविज्ञान विभाग में आयोजित की गई जिसमें निम्नलिखित सदस्य उपस्थित हुए तथा विभिन्न गृहविज्ञान से संबंधित विषयों के पाठ्यक्रम संशोधित एवं अनुमोदित किये गये-

डॉ. सीमा मिश्रा, शासकीय बिलासा कन्या महाविद्यालय, बिलासपुर	- अध्यक्ष,	
डॉ. बबीता दुबे	- प्रतिनिधि, उच्च शिक्षा विभाग, नया रायपुर	
डॉ. भारती सेठी, डॉ. खूबचंद बघेल शासकीय स्नातकोत्तर महाविद्यालय, भिलाई-3, दुर्ग	- सदस्य	
डॉ. संध्या वर्मा, शासकीय कला एवं वाणिज्य महावि. देवेन्द्र नगर, रायपुर	- सदस्य	
डॉ. संध्या मदन मोहन, प्राचार्य, भिलाई महिला महाविद्यालय, भिलाई, एवं अध्यक्ष, अध्ययन मण्डल, हेमचंद्र यादव विश्वविद्यालय	- सदस्य	
डॉ. रश्मि मिंज, दूधाधारी महिला महावि. रायपुर	- सदस्य	
डॉ. अल्का दुग्गल, वामन राव पाटनकर महिला महावि, दुर्ग	- सदस्य	
डॉ. निशा श्रीवास्तव, होलीकास महिला महावि. अंबिकापुर	- सदस्य	
डॉ. शिप्रा बनर्जी, दूधाधारी महिला महावि. रायपुर	- सदस्य	
श्रीमती ममता आर, देव, शासकीय कमलादेवी राठी महिला स्नातको. महावि. राजनांदगांव छ.ग.	- सदस्य	
सुश्री सुषमा घई, शासकीय बिलासा कन्या महाविद्यालय, बिलासपुर	- सदस्य	
डॉ. दीपाली राव, शासकीय घनश्याम सिंह गुप्त स्नातको. महावि, बालोद	- सदस्य	
डॉ. अर्चना दीक्षित, शासकीय बिलासा कन्या महाविद्यालय, बिलासपुर	- सदस्य	
डॉ. शोभा महिस्वर, शासकीय माता शबरी महावि. बिलासपुर	- सदस्य	

डॉ. वर्षा डोडिया, विषय विशेषज्ञ तथा शेष अन्य सदस्य ऑन लाइन उपस्थित रहे.





**Part A: Introduction**

Program: <b>Certificate Course</b>		Class: <b>B.A. I Year</b>	Year: <b>2022</b>	Session: <b>2022-2023</b>
1	Course Code	BAHSC-1P		
2	Course Title	Home Science- Practical 1		
3	Course Type	Practical		
4	Pre-requisite(if any)	Theoretical knowledge of Human Physiology & Hygiene.		
5	Course Learning Outcomes (CLO)	At the end of this course, the students will be enable to: <ul style="list-style-type: none"> <li>• To Understand Basic knowledge of First aid.</li> <li>• To Make First aid Box.</li> <li>• How to Prepare Therapeutic Diet.</li> <li>• Making and use of Audio-Visual aids- Chart, Poster.</li> <li>• Home Nursing technology.</li> </ul>		
6	Credit Value	<b>Practical:2</b>		
7	Total Marks	<b>Max. Marks: 50</b>	<b>Min Passing Marks : 17</b>	

**Part B: Content of the Course**

Total No. of Periods: 30

<b>Tentative Practical List</b>	<p><b>Note:</b> This is tentative list; the teacher concern can add more Experiments as Per Requirement.</p> <p>प्रयोग क्रमांक-1 प्राथमिक उपचार पेटी (आवश्यक सामान)</p> <ol style="list-style-type: none"> <li>1. घाव धोने एवं बांधने का सामान।</li> <li>2. दर्द कम करने की दवाईयाँ।</li> <li>3. अपाचन में प्रयुक्त दवाईयाँ।</li> </ol> <p>प्राथमिक उपचार पेटी छात्राएँ परीक्षा के समय अपना नाम एवं परिवार के सदस्यों की संख्या लिखकर प्रस्तुत करें</p> <p>प्रयोग क्रमांक-2 रोगी के लिये उपचारात्मक व्यंजनों का अध्यापक द्वारा करके बताना।</p> <ol style="list-style-type: none"> <li>1. सब्जियों का सूप।</li> <li>2. दाल का सूप।</li> <li>3. उबला अंडा।</li> <li>4. फटे दूध का पानी (व्हे वाटर)।</li> <li>5. सब्जी एवं फलों का स्टू (vegetables and fruit stew)</li> </ol> <p>इन व्यंजनों की विधि एवं उपयोगिता नोटबुक में अंकित की जावेगी।</p> <p>प्रयोग क्रमांक-3 प्राथमिक उपचार</p> <ol style="list-style-type: none"> <li>1. विभिन्न प्रकार की पिट्टियाँ।</li> <li>2. घाव की देखभाल।</li> <li>3. कृत्रिम श्वसन।</li> <li>4. हड्डी टूट की देखभाल।</li> </ol> <p>प्रयोग क्रमांक- 4 गृहपरिचर्चा</p> <ol style="list-style-type: none"> <li>1. शरीर के तापमान का चार्ट।</li> <li>2. गरम एवं ठंडे पानी की थैली तैयार करना।</li> <li>3. बिस्तर लगाना/चद्दर बदलना।</li> <li>4. रक्तचाप मापन।</li> <li>5. ORS तैयार करना।</li> </ol> <p>प्रयोग क्रमांक- 5 दृश्य श्रव्य यंत्र का बनाना।</p> <p>प्रयोग क्रमांक- 6 आंगनबाड़ी भ्रमण।</p>
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	<p>संचालित योजनाओं की जानकारी प्राप्त करना।</p> <p>प्रयोग क्रमांक-7 स्वच्छता, जागरूकता एवं प्रचार-प्रसार के लिए चार्ट/पोस्टर/फ्लैशकार्ड बनाना।</p> <p>प्रयोग क्रमांक- 8 स्वास्थ्य, जागरूकता एवं प्रचार-प्रसार के लिए चार्ट/पोस्टर/फ्लैशकार्ड बनाना।</p> <p>प्रोजेक्टवर्क-स्थानीय स्तर पर समाज में प्रचलित भोजन संबंधी भ्रंतियों का पता लगाना एवं उन्हें दूर करने के प्रयास करना (सैम्पल साईज 100, छात्रायेँ एक गुप्रमें 5 )</p> <p>महत्वपूर्ण बातें-छात्राओं द्वारा प्रायोगिक नोटबुक में लिखकर एवं अध्यापक द्वारा प्रति हस्ताक्षरित/प्रमाणित करवाकर परीक्षा के समय प्रस्तुत की जावेगी।</p>
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### Part C: Learning Resources

Text Books, Reference Books, Other Resources

#### Suggested Readings:

1. Anatomy, Physiology And Health Education- Rohini Agrawal, Neeraj Agrawal, 2016 Edition, CBS Publisher.
2. Concise Textbook of Physiology – Indu Khurana, Arushi Khurana, 3<sup>rd</sup> Editin, ELSEVIER.
3. Human Physiology- C.C. Chatterjee, 12<sup>th</sup> Edition, CBS Publisher.
4. Principles of Physiology- Debasis Pramanik 6<sup>th</sup> Edition J. P. Brothers Medical Publishers.
5. Textbook of medical physiology- Guyton A.C.-Hall. J.E. 9<sup>th</sup> edition, Prism Books Private Limited Bangalore.
6. Human Physiology in Nutshell - Dr. A. K. Jain, 5<sup>th</sup> Edition, Arya Publications.
7. Human Anatomy and Physiology-Dr S H Rashid, 2<sup>nd</sup> Edition, SIA Publishers.
8. Text book of Human Physiology- H D Singh, 3<sup>rd</sup> Edition, S Chand & Co. Ltd.
9. Anatomical knowledge for nurses- Catherine Arms Strong.

#### E-learning Resources:

1. Audio Visual Aids

<https://www.google.com/search?q=audio+visual+aids&oq=audio+visual+aid&aqs=chrome.0.0i433i512j69i57j0i512l8.8257j0j9&sourceid=chrome&ie=UTF-8>

2. First Aid Bok

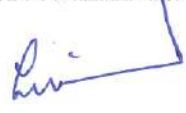
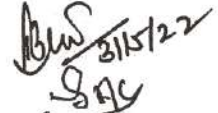
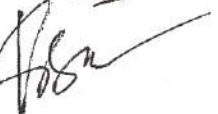
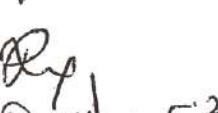
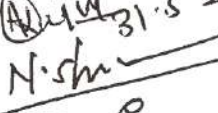
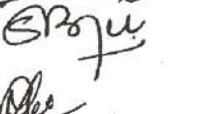
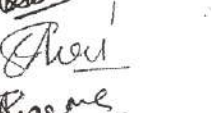


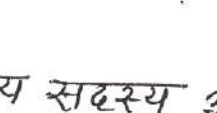

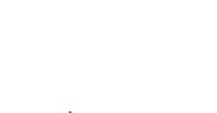

<https://www.google.com/search?q=first+aid+box&oq=First+Aid&aqs=chrome.1.69i57j0i433i512j46i131i433i512j0i131i433i512j0i512l2j0i433i512j46i131i433j0i131i433i512j0i512.3909j0j9&sourceid=chrome&ie=UTF-8>

### Part D: Assessment and Evaluation

#### Suggested Continuous Evaluation Methods:-

University Exam (UE): 50

आज दिनांक 31.05.2022 को केन्द्रीय अध्ययन मण्डल की मीटिंग गृहविज्ञान विभाग में आयोजित की गई जिसमें निम्नलिखित सदस्य उपस्थित हुए तथा विभिन्न गृहविज्ञान से संबंधित विषयों के पाठ्यक्रम संशोधित एवं अनुमोदित किये गये-

डॉ. सीमा मिश्रा, शासकीय बिलासा कन्या महाविद्यालय, बिलासपुर	- अध्यक्ष,	
डॉ. बबीता दुबे	- प्रतिनिधि, उच्च शिक्षा विभाग, नया रायपुर	
डॉ. भारती सेठी, डॉ. खूबचंद बघेल शासकीय स्नातकोत्तर महाविद्यालय, भिलाई-3, दुर्ग	- सदस्य	
डॉ. संध्या वर्मा, शासकीय कला एवं वाणिज्य महावि. देवेन्द्र नगर, रायपुर	- सदस्य	
डॉ. संध्या मदन मोहन, प्राचार्य, भिलाई महिला महाविद्यालय, भिलाई, एवं अध्यक्ष, अध्ययन मण्डल, हेमचंद यादव विश्वविद्यालय	- सदस्य	
डॉ. रश्मि मिंज, दूधाधारी महिला महावि. रायपुर	- सदस्य	
डॉ. अल्का दुग्गल, वामन राव पाटनकर महिला महावि, दुर्ग	- सदस्य	
डॉ. निशा श्रीवास्तव, होलीकास महिला महावि. अंबिकापुर	- सदस्य	
डॉ. शिप्रा बनर्जी, दूधाधारी महिला महावि. रायपुर	- सदस्य	
श्रीमती ममता आर, देव, शासकीय कमलादेवी राठी महिला स्नातको. महावि. राजनांदगांव छ.ग.	- सदस्य	
सुश्री सुषमा घई, शासकीय बिलासा कन्या महाविद्यालय, बिलासपुर	- सदस्य	
डॉ. दीपाली राव, शासकीय घनश्याम सिंह गुप्त स्नातको. महावि, बालोद	- सदस्य	
डॉ. अर्चना दीक्षित, शासकीय बिलासा कन्या महाविद्यालय, बिलासपुर	- सदस्य	
डॉ. शोभा महिस्वर, शासकीय माता शबरी महावि. बिलासपुर	- सदस्य	

डॉ. वर्षा डोडिया, विषय विशेषज्ञ तथा शेष अन्य सदस्य ऑन लाइन उपस्थित रहे.

