

1.3.1

Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Botany

B.Sc. Sem 5 Paper 2

SEMESTER V		
Core course: Botany Paper 2		Max. Marks: 60
TITLE: ECOLOGY AND ENVIRONMENT		
Unit 1 Ecosystem ecology	(20 Lectures)	25 marks
Ecological factors - An elementary knowledge of ecology, ecological factors: climatic, edaphic, physiographic and biotic factors,		
Ecosystem: Concept and type of ecosystem, structure of abiotic and biotic component, food chain, food web , ecological pyramids, energy flow, biogeochemical cycles of carbon nitrogen and phosphorous. Productivity of ecosystem		
Population Ecology: Concept of species habitat, ecological niche, ecad , ecotype and ecotone, Life forms, density and frequency		
Ecological Succession: Concept, type and cause of succession , Hydrosere and xerosere, Climax concept in succession		
Ecological adaptation in Plants: Hydrophytes, xerophytes and halophytes, epiphytes, hygrophytes		
Unit 2 Habitat ecology	(10 Lectures)	15 marks
Habitat Ecology (Limnology) : Fresh water habitat and its division according to horizontal and vertical stratification, Effect of temperature variations in fresh water habitat of temperate zone.		
Habitat Ecology (Marine biology) : Structure of sea, horizontal & vertical stratification. Physico-chemical properties of sea water, Division of marine biota and their adaptations. Factors influencing growth of marine flora.		
Soil ecology: Importance of soil, composition of soil, soil formation soil profile, soil erosion and soil conservation.		

Unit 3 Environmental Challenges and related social issues
(15 Lectures) 20 marks

Environmental pollution: Kinds of pollution (air, water radioactive pollution, noise pollution, pollution control law, Acid rain, green house effect, global warming, Ozone depletion)

Environment and Development: Environmental challenge in India, Environmental education and organization Concept of sustainable development, ecology and environment of Allahabad

Bioremediation: Concept, need, scope and application of bioremediation in environmental clean up

ZOOLOGY

B.Sc. Sem 4 Paper 1

Ecology A

Unit-III

1. Factors of Ecology : Water and Temperature
2. Ecosystem and components : Fresh water Ecosystem.
3. Trophic levels : Food chain, Food-Web.
4. Energy flow concepts and Pyramids

(5)

Ecology B

1. Population dynamics
2. Bio-geo-chemical cycle Nitrogen Cycle
3. Ecological Niche.

B.Sc. Sem 6 Paper 3

Paper-III
(Environmental Biology & Toxicology)
Unit-I

Environmental Biology

1. Environmental pollution : Different types of pollution sources, effects and control
 - (i) Air
 - (ii) Water-source and nonsources point pollution
 - (iii) Soil

Unit-II

Environmental Biology B

1. Environmental degradation and its socio-economic impact :
 - (i) Harmful effects of deforestation, desertification and overgrazing.
2. Wild life management in India & Its importance

M.Sc. Sem 2 Paper 1

Semester II

ZOO 506: Paper I: Ecology

UNIT I

Population growth: Exponential and logistic pattern of population growth. Intrinsic rate of natural increases $[r]$, its determination and importance in population ecology.

UNIT II

Lotka- Volterra Model of interspecific competition. Modern concepts of Niche. Niche parameters. Niche overlap.

Biodiversity: Measures of species diversity. Global diversity patterns and mechanism.

UNIT III

Law of thermodynamics as they relate to ecological energetic.

Food webs

UNIT IV

Biogeochemical cycles: Nitrogen, Phosphorous and sulphur cycles in terrestrial and aquatic ecosystems.

Community organization and its dynamics. Energy flow models.

UNIT V

Ecological succession, its types and concept of climax.

Ecology of various habitats.

Remote sensing. Practical application of ecology.

BIOTECHNOLOGY

B.Sc. Sem 5 Paper 2

PAPER 2

TITLE: ENVIRONMENTAL AND INDUSTRIAL BIOTECHNOLOGY

UNIT 1

Environmental components, Environmental pollution and its types, Non-renewable and renewable energy resources. Conventional fuels and their major impacts: Global warming and greenhouse effect, Global Ozone Problem, Acid rain, Eutrophication, Biomagnification, Concept of clean fuel technology: Biomass energy and bio-fuels

UNIT 2

Treatment of municipal solid and liquid wastes, Environmental impact assessment and Environmental audit Bioassessment of Environmental Quality, Disposal of solid wastes, oil spills, cellulose etc. Biodegradation of plastic, pesticides and hydrocarbons

Microbes in industry – foods from microorganism (vinegar and cheese). production of citric acid, amylases, proteases, vitamin B12, beer, wine, biogas, methane, hydrogen

Biomineralisation: Use of microbial technology for mining. Bacteriology of water and sewage, Bacteriological examination of water

UNIT 3

Bioremediation, Bioleaching, Biosorption, Biopesticides, Biofertilizers, Biofuels, Biosensors, Bioindicators, Biodegradable plastics and Biopesticides.

Industrial microbes and their uses: production of food (dairy and SCP) and antibiotics (with reference to penicillin and streptomycin). ferment centurion product, a survey of product from microorganism.

MICROBIOLOGY

B.Sc. Sem 6 Paper 3

Paper –III

Basics of Environmental Microbiology

1. Determination of BOD and COD of given water body.
2. Air sampling for microbial isolation
3. Study of various air and water borne diseases.
4. Isolation and identification of heavy metal tolerant bacteria.

BIOPHYSICS

B.Sc. Sem 1 Paper 1

3. Environmental Physics;

Process governing ocean atmosphere system, monitoring remote sensing and modelling of atmospheric and oceanic processes

4. Environmental Pollution :

Atmosphere pollution, type of pollutants, gaseous and particulate pollutants, effects of air pollution on Human health, material and vegetation.

GEOGRAPHY

B.A. Sem 2 Paper 1

B. A. Geography (Second Semester)

Paper I

Physical Geography: Atmosphere, Oceans and Biosphere

Unit 1

Atmosphere : Composition and Structure, Insolation and Heat Budget,
Temperature : Horizontal Distribution, Vertical Distribution, General
circulation and Winds, Humidity and Precipitation.

Unit 2

Air Masses, Fronts and Frontogenesis, Monsoon, Atmospheric
Disturbances: Tropical and Temperate Cyclones, Climatic
Classification: Koeppen; Thornthwaite; Trewartha

Unit 3

Bottom Relief of Oceans, Ocean Deposits, Salinity, Temperature,
Currents and Tides, Coral Reefs and Atolls

Unit 4

Abiotic and biotic components of biosphere, Characteristics and types
of ecosystems, Biosphere as an ecosystem, Man and biosphere

GEOGRAPHY

B.A. Sem 3 Paper 1

B.A. GEOGRAPHY

THIRD SEMESTER

Paper - 1

**Introduction to Economic Geography: Agriculture and
Natural Resources**

Unit I

Economic Geography: Definition; Nature, Scope and Approaches ;
Development of Economic Geography, Economic Development and
Types of Economies, Models of Spatial Distribution of Economic
Development.

Unit 2

Origin and Development of Agriculture, Influences on Agricultural
Production and Distribution: Physical Factors; Human Factors; Social
and Economic Factors, Agricultural Systems: Subsistence Farming;
Commercial Mixed Farming; Commercial Grain Farming; Commercial
Plantation Agriculture; Mixed Fruit and Grain Farming; Commercial
Livestock and Dairy Farming; Collective Farming

Unit 3

Concept of Natural Resources, Classification of Natural Resources
Problems of Resource Utilisation, Use and Misuse of Resources
Sustainable development and Conservation of Resources

Unit 4

Mineral Resources and Mining Industry; Distribution, Reserves and
Production of Minerals, Mineral Fuels: Coal; Petroleum, Metallic and
Non-Metallic Minerals: Iron; Manganese; Copper; Bauxite; Mica,
Atomic Minerals: Uranium; Thorium.

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GEOGRAPHY

B.A. Sem 5 Paper 3

Geography
(Fifth Semester)

Paper III

**Environmental Geography :
Environment and Ecology**

Unit 1

Definition, Nature, and Scope and Approaches of Environmental Geography, Environmental Geography : Internal Relations with Geography : External Relations with other Disciplines, Fundamental Concepts in Environmental Geography.

Unit 2

Environment : Meaning; Structure and Divisions; Components of Environment, Man as a Component of Environment, Environment and Society- perception and Awareness, Environment and Resources.

Unit 3

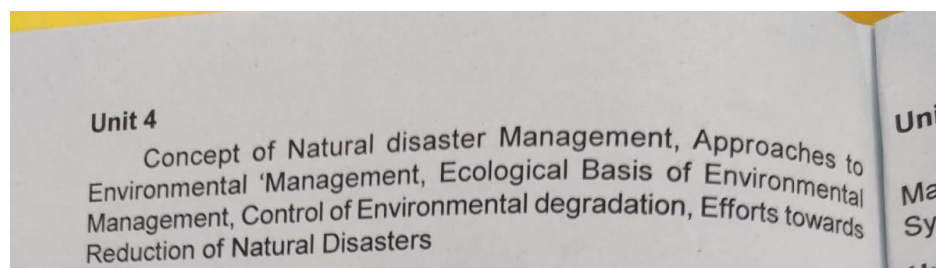
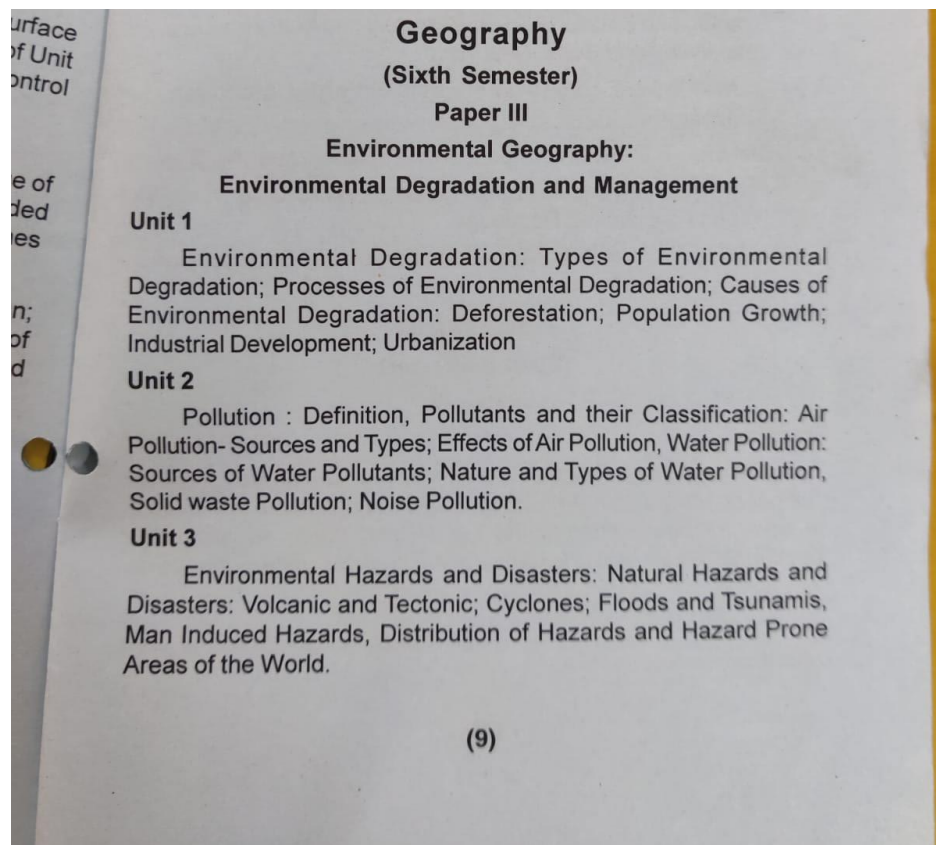
Ecology : Concepts and Principles; Energy flows and Ecological Production; Ecosystems: Types of Ecosystem, Components of Ecosystem; Functioning of Ecosystem; Ecosystem Stability, Biosphere as an Ecosystem.

Unit 4

Man Environment Relationships, Resource Use and Ecological Imbalance, Human activities and Disruption of Ecosystems, Human impact on Vegetation and Animal Populations, Preservation and Conservation of Ecosystems

GEOGRAPHY

B.A. Sem 6 Paper 3



CHEMISTRY

M.Sc. Sem 3 Paper 4

SEMESTER III - ELECTIVE PAPER

ELECTIVE COURSE CODE – CHE 554

**Course Credit = 04
(40 Lectures)**

PAPER IV

Environmental Analysis / Monitoring

UNIT-I

Water quality standards; Sampling and measurements of parameters like DO, BOD, COD, TOC, pH, Total Suspended Solids, Total Dissolved Solids, Hardness, Amount of Organic Matters, pE Determination of Inorganic ions, Plant Nutrients, NKP

UNIT-II

Methods of removal of Heavy Metals and Dyes from the polluted water

UNIT-III

Analysis of Waste Water- Monitoring of Soaps, Detergents and Pesticides in waste water, Sampling and Measurement of Air Pollutants, Monitoring automobile Emissions, Monitoring Emissions from Stationary Sources.

UNIT-IV

Monitoring Particulate Emissions (High – Volume sampling, Separation of Particles by size, XRF Spectrometry)

UNIT-V

Monitoring of Disease – Causing Agents, Microbiological tests for coliform, Multiple – Tube Fermentation Technique, Membrane Filtration Technique Ortho – nitrophenyl – β – D – galactopyranoside (ONPG) Test.

CHEMISTRY

M.Sc. Sem 4 Paper 1

SEMESTER IV - ELECTIVE PAPER

PAPER – I

ELECTIVE COURSE CODE – CHE 555

**Course Credit = 04
(40 Lectures)**

Environmental Chemistry

UNIT: I

Introduction to Environmental Chemistry

Concept and scope of environmental chemistry, Environmental terminology and nomenclatures, Environmental segments.

UNIT: II

The natural cycles of environment (Hydrological, oxygen, Nitrogen)

UNIT: III

Chemical Toxicology

Toxic chemicals in the environments, Impact of toxic chemicals on enzymes, Biochemical effects of arsenic, cadmium, lead, mercury, carbon monoxide, nitrogen oxides, sulphur oxides.

UNIT: IV

Air Pollution

Particulates, Aerosols, SO_x, NO_x, CO_x and hydrocarbon, Photochemical smog, Air-quality standards.

UNIT: V

Water Pollution

Water-quality parameters and standards: physical and chemical parameters, Dissolved oxygen, BOD, COD, Total organic carbon, Total nitrogen, Total sulfur, Total phosphorus and chlorine, chemical separation (Pb, As, Hg)

SANSKRIT

B.A. Sem 3 Paper 1

तृतीय सेमेस्टर
नाटक एवं व्याकरण
प्रथम प्रश्न पत्र

Unit - I

अभिज्ञानशाकुन्तलम् - अङ्क 1 से 2 तक
(हिन्दी अनुवाद, सूक्ति)

Unit - II

अभिज्ञानशाकुन्तलम् - अङ्क 3, 4
(प्राकृत, आलोचनात्मक प्रश्न) पारिभाषिक शब्द नान्दी, प्रस्तावना,
नामक, सूत्रधार, प्रवेशक, भरतवाक्य

SANSKRIT

B.A. Sem 2 Paper 2

UNIT - IV

भर्तृहरि नीतिशतकम् -

प्रतिनिधि ३० श्लोक जो कक्षा में पढ़ायें जायेंगे ।

(घ) बाणभट्ट की गद्यशैली

(हिन्दी अनुवाद, पाठ का सारांश)

HINDI

M.A. Sem 5 Paper 2

(घ) शुक्लोत्तर आलोचना के प्रमुख प्रतिमान एवं विशेषताएँ

इकाई - 2

साहित्य चिन्तन की नवीन दृष्टि

- | | |
|-------------------------|---------------------------|
| 1. संरचनावाद | 6. <u>स्त्री विमर्श</u> |
| 2. उत्तर संरचनावाद | 7. <u>दलित विमर्श</u> |
| 3. उत्तर औपनिवेशिकतावाद | 8. <u>संस्कृति विमर्श</u> |
| 4. उत्तर आधुनिकता | |
| 5. <u>प्राच्यवाद</u> | |

इकाई - 3


हिन्दी विभाग
गुरुकुल कङ्गरी विश्वविद्यालय
वाराणसी

ANCIENT HISTORY, CULTURE AND ARCHAEOLOGY

M.A. Sem 1 Paper 1



Department of Ancient History, Culture and Archaeology
University of Allahabad, Prayagraj-211 002

Syllabus modified only for Covid-19 period due to unprecedented situation

M.A. Ist Semester

Course Code: ANC-501 (Core)

Paper-I: Aspects of Ancient Indian Culture (Political, Social and Economic Institutions)

Unit-I	:	Introduction to Ancient Indian Culture a) The main characteristics of Ancient Indian Culture b) Methods and approaches to the study of Indian Culture: Nationalist, Marxist.
Unit-II	:	Political Ideas and Institutions a) Origin and nature of state b) Republics c) Monarchy and its feudal transformations
Unit-III	:	Social Institutions a) Varna-caste system-origin and evolution b) Ashram system c) Hindu Sanskaras
Unit-IV	:	Social Institutions a) Position of women- proprietary rights and right to education b) Education system and Educational Institutions : Taxilla and Nalanda.
UNIT-V	:	Economic Institutions a) Guilds : Their organization, functions and their role in social and economic life b) Varta : Meaning and Significance, Agriculture and cattle rearing c) Trade and commerce

ANCIENT HISTORY, CULTURE AND ARCHAEOLOGY

M.A. Sem 3 Paper 4



Department of Ancient History, Culture and Archaeology
University of Allahabad, Prayagraj-211 002

Syllabus modified only for Covid-19 period due to unprecedented situation

M.A. IIIrd Semester

Course Code: ANC-653 (Elective)

(Group-C): Social History of India (From Earliest Times to Circa 6th Century A.D.)

Unit-I	:	Sources : i) Literary Sources a) Indigenous – Religious & Secular b) Foreign Accounts ii) Archaeological Sources a) Epigraphic b) Numismatics c) Excavation/Exploration reports
Unit-II	:	Study of Ancient Indian Society: a) Social Life of Vedic Period b) Social Life of Mauryan Period and Post Mauryan Period (up to Kushanas) c) Social Life of Gupta Period
Unit-III	:	Historical Study of Social Institutions : a) Varna and Ashram System-Origin and Evolution b) Caste System – Origin and nature c) Purusartha
Unit-IV	:	Study of Other Social Institutions : Position of Women a) Their Proprietary rights b) Position of Widows c) Sati Custom Education Institution: Taxilla, Kashi and Vallabhi
Unit-V	:	Study of Labour and Outcastes : a) Slavery : Types, its use b) Visti : Origin, Evolution and its Use.

ANCIENT HISTORY, CULTURE AND ARCHAEOLOGY

B.A. Sem 4 Paper 2

SEMESTER-IV

PAPER-2

Ancient Indian Culture-II

Unit-1

- (a) Origin and Development of Varna system.
- (b) Origin and Development of Caste system.
- (c) Ashram system

Unit-2

- (a) Purushartha.
- (b) Sacraments (With special reference to Upanayana and Marriage Sacraments)
- (c) Ancient Indian educational centers: Taxila and Nalanda.

Unit-3

- (a) Position of Women in Ancient India.
- (b) Ancient Indian Economic Guilds.
- (c) The Second urbanization.

Unit-4

- (a) Land Ownership.
- (b) Feudalism in Ancient India.
- (c) Downfall of the Cities in Ancient India: A critical study.

ENGLISH

B.A. Sem 5 Paper 1

English Literature

B.A. Vth Semester

Paper -I

WORLD ENGLISH POETRY

- Unit I : Derek Walcott** : “A Far Cry From Africa”
(West Indian)
Wole Soyinka (Nigerian) : “Dragonfly at My Window Pane”
- Unit II : Amiri Baraka**
(African-American) : “Wise I”
Judith Wright (Australian) : “Bora Ring”
- Unit III : A.D. Hope (Australian)** : “Australia”
Michael Ondaatje
(Sri Lanka / Canada) : “Letters and Other Worlds”
- Unit IV : Eunice de Souza (Indiaw)** : “Autobiographical”
Sylvia Plath (Americaw) : “Mirror” and “Daddy”

ENGLISH

B.A. Sem 6 Paper 2

B.A. VIth Semester

Paper-II : Drama

- Unit I : Forms of Drama:** Heroic Tragedy, Comedy of Manners,
Problem Play, Theatre of the Absurd.
- Unit II : Eugene O' Neill** : Desire Under the Elms.
- Unit III : Harold Pinter** : The Birthday Party
- Unit IV : Girish Karnad** : Hayavadana

POLITICAL SCIENCE

B.A. Sem 6 Paper 2

PAPER - II

(INDIAN GOVERNMENT AND ADMINISTRATION)

UNIT - I

Planning Commission (Niti Ayog)

National Development Council, Machinery of Planning at State and district level.

UNIT - II

All India services : Central Services, State Services, Union Public Service Commission.

Public Undertakings : Forms, Management, Control, Accountability and problems.

UNIT - III

District Administration : Role and Importance of the District Magistrate,

Local Administration : Panchayati Raj

Urban Local Bodies, Their Finances, Problems and prospects.

UNIT - IV

Welfare of weaker sections : Scheduled Castes and Scheduled Tribes, Programmes for the Welfare of Women.

Redressal of Citizen's Grievances : Lokpal, Lok Ayukta.

Recent Issues in Indian Administration.

(3)

DEPARTMENT OF EDUCATION

B.A. Sem 2 Paper 1

SECOND SEMESTER

दूसरा सेमिस्टर

Paper - I Issues and Trends in Indian Education (M.Marks 60)

प्रथम प्रश्न पत्र - भारतीय शिक्षा में मुद्दे एवं प्रवृत्तियाँ (अधिकतम अंक-60)

(5)

Objectives (उद्देश्य)

1. To give the student an insight into Intericacies of contemporary educational problems and enable him to understand them alone with their resultant effects upon the Socio-Political Environment of the Country.

विद्यार्थी को समकालीन शैक्षिक समस्याओं की जटिलता को सुलझाने एवं देश की सामाजिक और राजनैतिक परिस्थितियों के संदर्भ में उनके प्रभावों को समझने की अंतर्दृष्टि देना ।

UNIT - 1 (इकाई 1) Primary Education (प्राथमिक शिक्षा)

- (i) Organisation and Control
व्यवस्था एवं नियंत्रण
- (ii) Free and Compulsory Education
अनिवार्य एवं निःशुल्क शिक्षा ।
- (iii) Wastage and Stagnation
अपव्यय एवं अवरोधन ।
- (iv) Role of District Institute of Educational Training (D.I.E.T.)
जिला शिक्षा प्रशिक्षण केन्द्र (डी.आई.ई.टी.) की भूमिका
- (v) Problems related to Primary Education
प्राथमिक शिक्षा से सम्बन्धित समस्याएँ ।
- (vi) Evaluation
मूल्यांकन

UNIT - 2 (इकाई 2) Secondary Education (माध्यमिक शिक्षा)

- (i) Organisation and Control
व्यवस्था एवं नियंत्रण
- (ii) Vocationalization of Education.
शिक्षा का व्यवसायीकरण ।
- (iii) Role of S.C.E.R.T., N.C.E.R.T., C.B.S.E.
एस.सी.ई.आर.टी., एन.सी.ई.आर.टी., सी.बी.एस.ई. की भूमिका ।

(6)

- (iv) Problems related to Secondary Education.
माध्यमिक शिक्षा से सम्बन्धित समस्याएँ ।

- (v) Evaluation.
मूल्यांकन

UNIT - 3 (इकाई 3) Higher Education (उच्च शिक्षा)

- (i) Organisation and Control
व्यवस्था एवं नियंत्रण
- (ii) Role of U.G.C., A.I.U., N.A.A.C., N.C.T.E.
यू.जी.सी., ए.आई.यू., एन.ए.ए.सी., एन.सी.टी.ई. की भूमिका ।
- (iii) Evaluation
मूल्यांकन

UNIT - 4 (इकाई 4) Adult Education. (प्रौढ़ शिक्षा)

- (i) Meaning
अर्थ ।
- (ii) Need and Problems related to Adult Education.
आवश्यकता एवं प्रौढ़ शिक्षा से सम्बन्धित समस्याएँ ।
- (iii) National Literacy Mission.
राष्ट्रीय साक्षरता अभियान ।
- (iv) Sarve Shiksha Abhiyan.
सर्व शिक्षा अभियान ।

Books Recommended (संस्तुत पुस्तकें)

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|--|----------------------------------|
| आधुनिक भारतीय शिक्षा और उसकी समस्याएँ | - सुरेश भटनागर |
| भारतीय शिक्षा के आयोग एवं समितियाँ | - पाठक एवं त्यागी |
| भारतीय शिक्षा और उसकी समस्याएँ | - पाठक एवं त्यागी |
| भारतीय शिक्षा का इतिहास विकास एवं समस्याएँ | - डॉ. एस. पी. गुप्ता |
| आधुनिक भारतीय शिक्षा की समस्याएँ | - डा. एस.पी. गुप्ता, अलका गुप्ता |
| भारतीय शिक्षा और उसकी समस्याएँ | - पी. डी. पाठक |
| भारतीय शिक्षा का विकास एवं समस्याएँ | - रमन बिहारी लाल |

(7)

DEPARTMENT OF EDUCATION**B.A. Sem 4 Paper 1**

Fourth Semester (चतुर्थ सेमिस्टर)
Paper - I Sociological Foundations of Education
(M. Marks 60)

प्रथम प्रश्न पत्र-शिक्षा के सामाजिक आधार (अधिकतम अंक-60)

Objectives (उद्देश्य) :-

1. The students should be able to define Educational Sociology.
छात्र शैक्षिक समाजशास्त्र को परिभाषित कर सकेंगे ।
2. The students should be able to recognize the interdependence of Education and Society .
छात्र शिक्षा और समाज की पारस्परिक निर्भरता की पहचान कर सकेंगे ।
3. The students should be able to explain the technical terms of Educational Sociology.
छात्र शैक्षिक समाजशास्त्र के तकनीकी शब्दों को समझा सकेंगे ।

Unit - 1 : Educational Sociology -

(इकाई 1) : शैक्षिक समाजशास्त्र

- (i) Meaning, Definition and Scope of Educational Sociology.
शैक्षिक समाजशास्त्र का अर्थ, परिभाषा एवं विषयक्षेत्र ।
- (ii) Socialization - Need and Factors influencing it.
सामाजीकरण-आवश्यकता और इसको प्रभावित करने वाले कारक ।
- (iii) Social Stratification and its effects on education.
सामाजिक स्तरीकरण और शिक्षा पर इसका प्रभाव ।

Unit - 2 : Social Change

इकाई 2 : सामाजिक परिवर्तन

- (i) Meaning and Definition of Social Change.
सामाजिक परिवर्तन का अर्थ एवं परिभाषा ।
- (ii) Role of Education in the process of Social Change and Effect of Social change on Education.
सामाजिक परिवर्तन की प्रक्रिया में शिक्षा की भूमिका और सामाजिक परिवर्तन का शिक्षा पर प्रभाव ।

- (iii) Education and Social Mobility, Urbanization and Modernization.
शिक्षा और सामाजिक गतिशीलता, नगरीकरण और आधुनिकीकरण ।

Unit - 3 : Culture

इकाई 3 : संस्कृति

- (i) Concept and Meaning of Culture
संस्कृति का अर्थ एवं अवधारणा ।
- (ii) Civilization सभ्यता ।
- (iii) Role of Culture and its effect on Education and Vice-Versa
संस्कृति की भूमिका और संस्कृति एवं शिक्षा का एक दूसरे पर प्रभाव ।

Unit - 4 : School and Community

इकाई 4 : विद्यालय एवं समुदाय

- (i) Relationship and Influence on each other.
सम्बन्ध तथा एक दूसरे पर प्रभाव ।
- (ii) School as a Community Centre
विद्यालय एक सामुदायिक केन्द्र के रूप में ।
- (iii) Community life of School.
विद्यालय का सामुदायिक जीवन ।
- (iv) Uses of Local resources
क्षेत्रीय संसाधनों की उपयोगिता ।

Paper - I

दूसरा प्रश्न पत्र

Objectives (

1. The student's
Personalities

छात्र बुद्धि, चरित्र
2. The student's
Adolescence

छात्र किशोरावस्था

3. The student's
different

छात्र विभिन्न

Unit - 1 : Introduction
(इकाई 1) :

i) Meaning

ii) Nature

iii) Kinds

iv) Theories

(a) The

MEDIEVAL HISTORY

B.A. Sem 6 Paper 1

सेमेस्टर-VI

प्रथम प्रश्न-पत्र

आधुनिक भारत का इतिहास, भाग-1 (1757-1857)

यूनिट - 1

- (क) आंग्ल फ्रांसीसी प्रतिद्वन्द्विता एवं कर्नाटक युद्ध, फ्रांसीसियों के पराजय के कारण
- (ख) प्लासी का युद्ध – कारण एवं परिणाम
- (ग) बक्सर का युद्ध – कारण एवं परिणाम
- (घ) इलाहाबाद की संधि – 1765

यूनिट - 2

- (क) बंगाल में द्वैध प्रशासन अर्थ एवं प्रमुख दोष
- (ख) रेग्युलेटिंग ऐक्ट (1773), विशेषताएं, समीक्षा
- (ग) पिट्स इण्डिया ऐक्ट (1784), विशेषताएं, समीक्षा
- (घ) वारेन हेस्टिंग्स के सुधार

यूनिट - 3

- (क) लार्ड कार्नवालिस का स्थाई बंदोबस्त (भू-राजस्व सुधार), विशेषताएँ, गुण एवं दोष

(5)

ECONOMICS

B.A. Sem 2

IInd Semester

Eco - 03 : Indian Economy

Unit 1 - Nature & Characteristics of Indian Economy

Population in India & Uttar Pradesh : Trends & Main Characteristics

Unit 2 - Agriculture Sector

Importance & Main features

Technological Changes & Its Impact on Indian Agriculture

Rural Credit Structure

Allied Agriculture Activities-Introduction only

Unit 3 - Industrial Sector

Growth and Pattern of Industrialization

Public Sector Enterprises : Role & Performance

Role & Importance of Small Scale & Cottage Industries

Unit 4 - External Sector

Foreign Trade : Balance of Payment & Balance of Trade
Composition & Direction of Trade in India. Trends in
Balance of Trade & BOP on current account in India.

(5)

ECONOMICS

B.A. Sem 4

IVth Semester

Eco 07 : Public Finance

Unit 1 : Public Finance : Definition, Scope and Importance of Public Finance

Private and Public Finance

Private and Public Goods

Principle of Maximum Social Advantage

Unit 2 : Public Expenditure

Canons of Public Expenditure

Causes of Growth of Public Expenditure

Wagner's Hypothesis of Increasing State Activities

Effects of Public Expenditure

Unit 3 : Public Revenue - Taxation

Canons of Taxation

Direct & Indirect Taxes

Progressive, Regressive & Proportional Taxation

Principals of Taxation : Ability to Pay Theory & Least Aggregate Sacrifice Theory

Incidence, Impact & Shifting of Taxes

Effects of Taxation

Unit 4 : Public Debt : Definition, Importance & Rational of Public Debt

Effects of Public Debt

Deficit Financing

Objectives of Fiscal Policy in Developing Countries

Major Trends in Revenue & Expenditure of Government of India

Items of Income & Expenditure of Government of Uttar Pradesh

ECONOMICS

B.A. Sem 5

Eco 11 : Planning & Policy in India

UNIT- 1

General Macroeconomic Objectives for a Developing Economy
Indian Planning: Objectives & Review
Economic Reforms
Relevance of Planning Under the Era of Liberalization
Objectives & Performance of Recent Two Five Year Plans
NITI AAYOG

UNIT- 2

Population Policy
Problem of Poverty & Unemployment
Employment Strategy & Poverty Eradication Programmes
Land Reforms : Objective & Concept
Land Reforms Policy

UNIT- 3

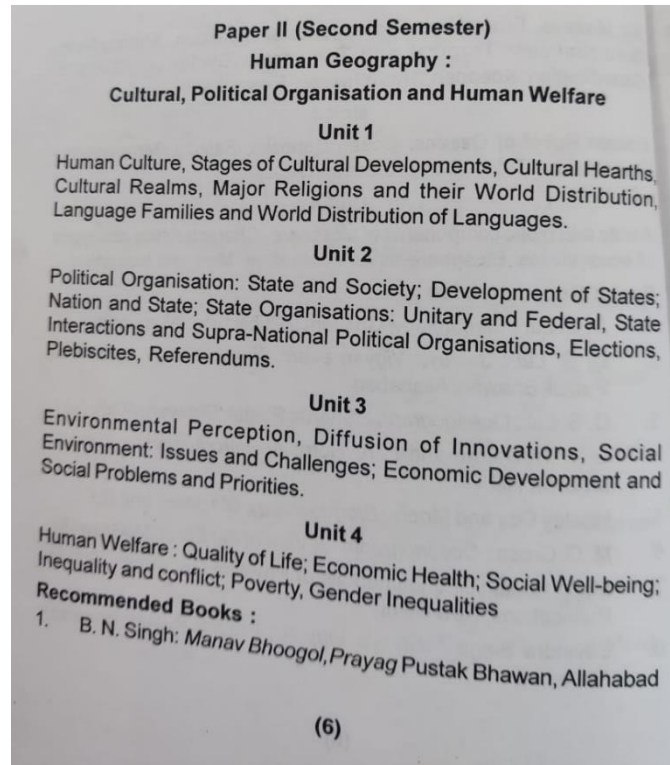
Objective and Overview of Agriculture Policy in India
Brief Overview of Community Centered Approach: Community
Development Project & Panchayati Raj
Major Challenges faced by Indian Agriculture & Policy for their
Removal / Agriculture Price Policy
Food Policy & PDS
Agricultural Taxation - Brief Introduction

UNIT- 4

Status of Infra Structure : Energy & Power Sector
Government Policy on Energy & Power Sector
Brief introduction of current Government policies on transport
Sector.
New Economy : IT & IPO Sector

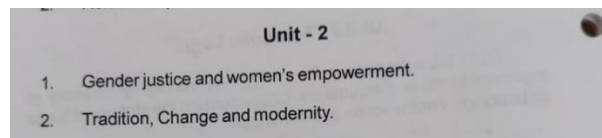
PHILOSOPHY

B.A. Sem 2 Paper 2



PHILOSOPHY

B.A. Sem 4 Paper 2



PSYCOLOGY

B.A. Sem 3 Paper 2

Unit 4 : Causal Factors of Abnormality	No. of lectures 8	Unit V : Group and Leadership	7 Lectures
(i) Biological		(i) Group formation	
(ii) Psychological		(ii) Structure	
(iii) Socio-cultural		(iii) Influencing factors	
		(iv) Theories of leadership	
IIInd Paper		IIIrd Paper	
<u>Basic Social Psychology</u>		<u>Practical</u>	
Marks : 50	Total Lectures : 40	Marks : 50	No. of Lectures 40 (20 for each section)
Objective : To provide an overview about the concepts of social psychology and understanding the concepts of social behavior		Objective : The objective of this paper is to understand the technical aspects and report writing and at least 2-2 exercises in each unit	
Unit I : Basic Concepts	3 Lectures	Section A : Paper I of Semester III	
Concept : Definition, Historical development		<ul style="list-style-type: none"> ● Purpose and types of test ● Procedure of test administration ● Concept of reliability, validity and norm ● Demonstration of projective tests (any two) 	
Unit II : Social Cognition & Information Processing	12 Lectures	Section B : Paper II of Semester III	
(i) Schema, Stereotypes, & Prejudice		<ul style="list-style-type: none"> ● Methods of Social Psychology : Experimental, Correlational, Observational and Sociometry 	
(ii) Person perception : Nature and Determinants, Impression formation & management.			
(iii) Attribution : Nature, Determinants, Process and theories			
Unit III : Attitude	8 Lectures		
(i) Nature, Formation and Measurement (methods)			
(ii) Attitude change : Persuasive communication, Attitude change through behavior (Cognitive Dissonance theory)			
Unit IV : Pro-Social & Aggressive Behavior	10 Lectures		
(i) Pro-social : Nature, Influencing factors and Theories (Evolutionary, Social exchange and Empathy)			
(ii) Aggression : Determinants, Theories (Social, Biological and Ethnological)			
(2)		(3)	

PSYCOLOGY

B.A. Sem 4 Paper 1 & 2

Semester - IV :

Ist Paper

MM = 50
Total No. Lectures : 40

Psychological Disorders

Objective : To introduce the clinical picture and etiological understanding of the following disorders according to DSM IV-TR.

Unit 1 : Clinical Picture of Specific Disorder - I No. of Lecture : 10

- (i) Anxiety Disorders : Generalized Anxiety Disorder (GAD), Phobia, Obsessive Compulsive Disorder (OCD). Post - traumatic Stress Disorder (PTSD)
- (ii) Somatoform Disorders : Pain, somatization, Conversion, Hypochondriasis
- (iii) Dissociative Disorders : Amnesia, Fugue, Identity, Depersonalization

Unit 2 : Clinical Picture of Specific Disorder - II No. of Lecture : 10

- (i) Mood disorders : Unipolar and Bipolar & its types
- (ii) Substance Related Disorder : Alcohol and Drug related

Unit 3 : Clinical Picture of Specific Disorder - III No. of Lecture : 10

- (i) Schizophrenia and its types
- (ii) Schizoaffective
- (iii) Delusional

Unit 4 : Therapeutic Approaches

No. of Lecture : 10

- (i) Psychoanalytical
- (ii) Behaviouristic (Classical, Operant, Modelling)
- (iii) Humanistic (Client - centred)
- (iv) Biological : ECT

(4)

References

- Carson, R.C., Butcher J.N. and Mineka, S. (2004) Abnormal psychology and Modern Life. Pearson Education. New Delhi, India
- Comer, R.J. (2007) Abnormal psychology, Worth publisher, New York.
- Hoeksema, S.N. (2005) Abnormal psychology, Tata Mc Graw Hill Publishing, New Delhi
- Sarason, I.G. and Sarason, B.R. (2002) Abnormal psychology. Prentice - Hall India Pvt. Ltd. New Delhi,
- Singh, A.K. (2002) *Adhunik Asmany Manovigyan*, Moti Lal Banarsi Das, Varanasi.

Semester - IV :

IInd Paper

Applied Social Psychology

Max. Marks : 50

Total No. of Lectures : 40

Objective : To help the student to understand social problems and gain knowledge about intervention strategies

1. Introduction No. of Lecture : 8

- (a) Nature of applied Social Psychology
- (b) Social influences on behaviour
- (c) Levels of analysis
- (d) Methodological approaches - Participatory action and Learning research techniques.

2. Social Behaviour No. of Lecture : 12

- a. Environmental change : Environmental design, Climate change, Disaster.
- b. Population growth : Urbanization, Movement, Space
- c. Diversity in culture : Multiculturization, Social identity, Discrimination.

(5)