

COURSES OF STUDIES

FOR

THREE YEAR DEGREE COURSE

IN

ARTS HONOURS

ANTHROPOLOGY HONS.

Choice Based Credit System(CBCS)

First & Second Semester Examination – 2017-18

Third & Fourth Semester Examination – 2018-19

Fifth & Sixth Semester Examination – 2019-20



**GOVERNMENT AUTONOMOUS COLLEGE,
PHULBANI, KANDHAMAL**

SYLLABI FOR CBCS COURSE

Sem	CORE COURSE (14)	Ability Enhancement Compulsory Course (AECC) (2)	Ability Enhancement Elective Course (AEEC) (2) (Skill Based)	Elective: Discipline Specific DSE (4)	Elective: Generic (GE) (4)
I	CORE-I	M.I.L/English Communication			GE-1 (Minor-1)
	CORE-II				
II	CORE-III	Environmental Studies			GE-2 (Minor-2)
	CORE -IV				
III	CORE-V		SEC-1 (Communicative English and Writing Skill)		GE-3 (Minor-1)
	CORE-VI				
	CORE-VII				
IV	CORE-VIII		SEC-2 (Subject specific Skill)		GE-4 (Minor-2)
	CORE-IX				
	CORE-X				
V	CORE-XI			DSE-1	
	CORE-XII			DSE-2	
VI	CORE-XIII			DSE-3	
	CORE-XIV			DSE-4 (Project)	

SEC-1 : To be offered by English Department.

SEC-2 : This is a subject specific skill to be offered by the respective Department.

GE : Minor-1 and Minor-2 is to be decided by the college Based on Subject.

QUESTION PATTERN FOR MID SEM

Mid Semester Examination	Full Marks	No. of Short Answer type Questions (2 marks each) (Compulsory)	No. of Long Answer type Questions (8 marks each)	No. of Long Answer type Questions (12marks each)
Practical Subject	20	6	1	*
Non-Practical Subject	20	4	*	1
Non-Practical Subject	10	1	1	*

QUESTION PATTERN FOR END SEM

End Semester Examination	Full Marks	GROUP – A	GROUP - B									
		No. of Short Answer type Questions (2 marks each) (Compulsory)	No. of Long Answer type Questions (8 marks each)					No. of Long Answer type Questions (12marks each)				
Units-->		All Units	I	II	III	IV	V	I	II	III	IV	V
Non-Practical Subject	80	10	*	*	*	*	*	1	1	1	1	1
Practical Subject	50	5	1	1	1	1	1	*	*	*	*	*
Non-Practical Subject	40	4	1	1	1	1	*	*	*	*	*	*
Practical Subject	20	2	1	1	*	*	*	*	*	*	*	*

- ❖ There is no alternative question (choice) in Group-A questions (Short Answer type questions). All questions are compulsory.
- ❖ There is internal alternative question (choice) in each number in Group-B questions (Long Answer type questions). Examinee has to answer one question out of two alternative questions from each number.
- ❖ There is little deviation in question pattern of AECC-1.4 (Eng Communication) & AEEC-3.5 (Soft Skills). Details regarding question pattern of concerned subject is given at appropriate place.)
- ❖ The duration of Mid Sem exam of each paper is 1 hour irrespective of Full marks.
- ❖ The duration of End Sem exam of each paper is 3 hours for 80 marks/50 marks/40 marks & 2 hours for 20 marks.

YEAR & SEMESTER-WISE PAPERS & CREDITS AT A GLANCE

Three-Year (6-Semester) CBCS Programme (B.A. Hons) (Anthropology Hons.)				
Yr.	Sl.No.	Course Structure	Code	Credit Points
FIRST YEAR	SEMESTER-I			
	1	Introduction to Biological Anthropology	C-1.1	4+2
	2	Introduction to Socio-cultural Anthropology	C-1.2	4+2
	3	History of India-I (History)/Indian Polity-I (Political Science)	GE-1.3	6
	4	MIL Communication - Odia/English Communication	AECC-1.4	2
	Total			20
	SEMESTER-II			
	5	Archaeological Anthropology	C-2.1	4+2
	6	Fundamentals of Human Origin & Evolution	C-2.2	4+2
	7	Indian Economy-I (Economics)/Industrial Geography/Other related discipline (Geography)/Odia-I (Odia)	GE-2.3	6
	8	Environmental Studies	AECC-2.4	2
	Total			20
SECOND YEAR	SEMESTER-III			
	9	Tribes and Peasants in India	C-3.1	4+2
	10	Human Ecology	C-3.2	4+2
	11	Biological Diversity in Human Populations	C-3.3	4+2
	12	History of India-II (History)/Indian Polity-II (Political Science)	GE-3.4	6
	13	Soft Skills	AEEC-3.5	2
	Total			26
	SEMESTER-IV			
	14	Theories of Culture and Society	C-4.1	4+2
	15	Human Growth and Development	C-4.2	4+2
	16	Research Methods	C-4.3	4+2
	17	Indian Economy-II (Economics)/Disaster Management/Other related discipline (Geography)/Odia-II (Odia)	GE-4.4	6
	18	Museology and Cultural Resource Management	AEEC-4.5	2
	Total			26
FINAL YEAR	SEMESTER-V			
	19	Prehistoric Archaeology of India	C-5.1	4+2
	20	Anthropology in Practice	C-5.2	4+2
	21	Human Genetics	DSE-5.3	4+2
	22	Anthropology of Religion, Politics and Economy	DSE-5.4	4+2
	Total			24
	SEMESTER-VI			
	23	Forensic Anthropology	C-6.1	4+2
	24	Anthropology of India	C-6.2	4+2
	25	Tribal Cultures of India	DSE-6.3	4+2
	26	Project Work	DSE-6.4	6
	Total			24
Grand Total				140

Notes:

- C- Core Course
- GE- Generic Elective Course
- DSE- Discipline Specific Elective Course
- AECC- Ability Enhancement Compulsory Course
- AECC- Ability Enhancement Elective Course (Skill Based)
- For a 6 credit course, the total teaching hours are: Minimum- 50 Hours, Maximum-65 Hours
- For a 2 credit course, the total teaching hours are: Minimum- 20 Hours, Maximum-30 Hours

SEMESTER-I

C-1.1 : INTRODUCTION TO BIOLOGICAL ANTHROPOLOGY

Full Marks - 100
Mid Sem – 20/1 hr
End Sem Theory – 50/3 hrs

UNIT- I :

History and development of understanding human variation and evolutionary thought; Theories of evolution; Human variation and evolution in ancient times pre-19th and post-19th Century; Theories of evolution Lamarckism, Neo Lamarckism, Darwinism, Synthetic theory, Mutation and Neo-Mutation theory

UNIT- II :

History of Physical Anthropology and Development of Modern Biological Anthropology, Aim, scope and its relationship with allied disciplines; Difference in the approaches of modern and traditional Biological Anthropology, with emphasis on human evolution

UNIT- III :

Non human primates in relation to human evolution Classification and characteristics of living primates; Comparative anatomy and behavior of human and non-human primates; Significance of non-human primate study in Biological Anthropology.

UNIT- IV :

Structure and function of an animal cell; cell theory and cell division. Essentials of Genetics; Landmarks in the history of genetics.

UNIT- V:

Principles in human genetics Mendel's Laws of inheritance and its application to man; Concept of race & UNESCO Statement on Race; A comparative account of various races of the world.

PRACTICAL

End Sem Practical – 30/3 hrs

Somatometry

- | | |
|--------------------------------|---------------------------------------|
| 1. Maximum head length | 9. Physiognomic facial height |
| 2. Maximum head breadth | 10. Morphological facial height |
| 3. Minimum frontal breadth | 11. Physiognomic upper facial height |
| 4. Maximum bizygomatic breadth | 12. Morphological upper facial height |
| 5. Bigonial breadth | 13. Head circumference |
| 6. Nasal height | 14. Stature |
| 7. Nasal length | 15. Sitting height |
| 8. Nasal breadth | 16. Body weight |

Somatoscapy

- | | | | |
|--------------|----------------|----------------|----------------|
| 1. Head form | 2. Hair form | 3. Facial form | 4. Eye form |
| 5. Nose form | 6. Hair colour | 7. Eye colour | 8. Skin colour |

Suggested Readings :

1. Jurmain R., Kilgore L., Trevathan W., Ciochon R.L. (2012). Introduction to Physical Anthropology Wadsworth Publ., USA
2. Kroeber A. L. (1948). Anthropology. Oxford & IBH Publishing Co., New Delhi.
3. Stanford C., Allen J.S. and Anton S.C. (2010). Exploring Biological Anthropology. The Essentials. Prentice Hall Publ, USA.
4. Statement on Race: Annotated Elaboration and Exposition of the Four Statements on Race (1972). Issued by UNESCO. Oxford University Press.

C-1.2 : INTRODUCTION TO SOCIO-CULTURAL ANTHROPOLOGY

Full Marks - 100
Mid Sem – 20/1 hr
End Sem Theory – 50/3 hrs

UNIT- I :

Anthropological perspective and orientation; Scope and relevance of Social Anthropology; Relationship of Social Anthropology with other disciplines

UNIT- II :

Concepts of society and culture; status and role; groups and institution,

UNIT- III :

Social organization, social stratification, civil society

UNIT- IV :

Social structure; social function; social system

UNIT- V :

Theory and practice of ethnographic fieldwork; survey method; comparative and historical Methods

PRACTICAL

End Sem Practical – 30/3 hrs

Methods and Techniques of Social Anthropology : The practical will include the following techniques and methods in collection of data in Social Anthropology.

1. Observation
2. Interview
3. Questionnaire and Schedule
4. Case study
5. Life history

Suggested Readings :

1. Beattie J. (1964). *Other Cultures*. London: Cohen & West Limited.
2. Bernard H.R. (1940). *Research Methods in Cultural Anthropology*. Newbury Park: Sage Publications.
3. Davis K. (1981). *Human Society*. New Delhi: Surjeet Publications.
4. Delaney C. (2004). 'Orientation and disorientation' In *Investigating Culture: An Experiential Introduction to Anthropology*. Wiley-Blackwell.
5. Ember C. R. et al. (2011). *Anthropology*. New Delhi: Dorling Kindersley.
6. Ferraro G. and Andreatta S. (2008). In *Cultural Anthropology: An Applied Perspective*. Belmont: Wadsworth.
7. Haviland, Prins, Walrath, McBride (2007). *Introduction to Anthropology*. Cengage Learning India Pvt. Ltd., New Delhi
8. Haviland, Prins, Walrath, McBride (2008). *Cultural Anthropology*. Cengage Learning India Pvt. Ltd., New Delhi
9. Karen O'reilly. (2012). 'Practical Issues in Interviewing' *Ethnographic Methods*. Abingdon: Routledge
10. Lang G. (1956). 'Concept of Status and Role in Anthropology: Their Definitions and Use. *The American Catholic Sociological Review*.17(3): 206-218

GE-1.3 : HISTORY OF INDIA-I

**Full Marks - 100
Mid Sem – 20/1 hr
End Sem – 80/3 hrs**

UNIT-I : Reconstructing Ancient Indian History

- (a) Meaning and relevance of History
- (b) Sources for the reconstruction of Ancient Indian History

UNIT-II : Pre-historic hunter-gatherers

- (a) Paleolithic cultures- sequence, distribution, technological developments
- (b) Mesolithic cultures- distribution, new development in technology

UNIT-III : Beginning of Agriculture

Neolithic and Chalcolithic Cultures;
Regional and Chronological distribution, subsistence and pattern of exchange

UNIT-IV : The Harappan civilization

Origin, Town planning, Social and Political organisation
Religious beliefs and practices, Arts, Decline

UNIT-V : Cultures in Transition

- (a) Early Vedic and Later Vedic Culture: Society, Economy, Political System, Religion and Philosophy
- (b) Tamilakam – Sangam Age

Suggested Readings :

1. R.S. Sharma, *India's Ancient Past*, New Delhi, OUP, 2007
2. R.S. Sharma, *Material Culture and Social Formations in Ancient India*, 1983.
3. D.P. Agrawal, *The Archaeology of India*, 1985.
4. A.L. Basham, *The Wonder that Was India*, 1971.
5. Upinder Singh, *A History of Ancient and Early Medieval India*, 2008.
6. Romila Thapar, *Early India from the beginning to 1500*, 2002.

GE-1.3 : INDIAN POLITY (PAPER-I)

**Full Marks - 100
Mid Sem – 20/1 hr
End Sem – 80/3 hrs**

UNIT-I : Landmarks of Freedom Movement Preamble & salient features

UNIT-II : Fundamental Rights, Directive principles of state policy

UNIT-III : Union Government

President, Prime Minister, Council of Ministers, Union Parliament & Supreme Court of India

UNIT-IV : State Government

Governor, Chief Minister, Vidhan Sabha

UNIT-V : Local Government

Panchayati Raj & Urban local bodies

Suggested Readings :

1. Basu, D.D. (2012) *Introduction to the Constitution of India*, New Delhi: Lexis Nexis.
2. Kashyap, Subhash Chandra(2013) '*Our Political System*' New Delhi: National Book Trust
3. Laxmikanth, M(2015) '*Indian Polity*' New Delhi: Tata McGraw Hill
4. Raghunandan, J. R (2012) *Decentralization and local governments: The Indian Experience*, New Delhi: Orient Black Swan

AECC-1.4 : ଯୋଗାଯୋଗମୂଳକ ମାତୃଭାଷା- ଓଡ଼ିଆ

Full Marks - 50
Mid Sem – 10/1 hr
End Sem – 40/3hrs

- ଯୁନିଟ୍-୧ : ବିଜ୍ଞାପନ କଳା ଓ ସାହିତ୍ୟ /ବିଜ୍ଞାପନର ଆବଶ୍ୟକତା ଓ ଉପକାରिता
- ଯୁନିଟ୍-୨ : ଗଳ୍ପ- କୃଷ୍ଣଚୂଡ଼ା- ସୁରେନ୍ଦ୍ର ମହାନ୍ତି
ପାଟଦେଇ- ବୀଣାପାଣି ମହାନ୍ତି
ବୁଢ଼ାଶଙ୍ଖାରୀ- ଲକ୍ଷ୍ମୀକାନ୍ତ ମହାପାତ୍ର
- ଯୁନିଟ୍-୩ : କବିତା- ଶ୍ରୀରାଧା- ରମାକାନ୍ତ ରଥ
ପ୍ରତିମା ନାୟକ- ସଚ୍ଚି ରାଉତରାୟ
ଦୁର୍ଯ୍ୟୋଧନ- ସୀତାକାନ୍ତ ମହାପାତ୍ର
- ଯୁନିଟ୍-୪ : ପ୍ରବନ୍ଧ-ଗାଡ଼ି ଛାଡ଼ିଦେଲା – ଚନ୍ଦ୍ରଶେଖର ରଥ
ଆମେରିକାରେ ଲୋକଚରିତ୍ର – ଗୋଲୋକ ବିହାରୀ ଧଳ
ସ୍ବାଧୀନ ଚିନ୍ତା – ବିଶ୍ବନାଥ କର

AECC-1.4 : ENGLISH COMMUNICATION

Full Marks - 50
Mid Sem – 10/1 hr
End Sem – 40/3hrs
[15 marks]

UNIT-I : Reading Comprehension

1. Locate and remember the most important points in the reading
2. Interpret and evaluate events, ideas, and information
3. Read “between the lines” to understand underlying meanings
4. Connect information to what they already know

UNIT-II : Writing

[15 marks]

1. Expanding an Idea
2. Writing a Memo
3. Report Writing
4. Creative Writing
5. News Story
6. Setting in Creative Writing
7. Writing a Business Letter
8. Letters to the Editor
9. Précis Writing
10. CV & Resume Writing
11. Dialog writing
12. Covering Letter
13. Writing Formal Email
14. Elements of Story Writing
15. Note Making
16. Information Transfer
17. Interviewing for news papers

UNIT-III: Language functions in listening and conversation

1. Discussion on a given topic in pairs
 2. Speaking on a given topic individually
- (Practice to be given using speaking activities from the prescribed textbooks.)

Grammar and Usage

[10 marks]

Courses of Studies, Arts (Anthropology Hons.)

1. Simple and Compound Sentences
2. Complex Sentences
3. Noun Clause
4. Adjective Clause
5. Adverb Clause
6. The Conditionals in English
7. The Second Conditional
8. The Third Conditional
9. Words and their features
10. Phrasal Verbs
11. Collocation
12. Using Modals
13. Use of Passives
14. Use of Prepositions
15. Subject-verb Agreement
16. Sentence as a system
17. Common Errors in English Usage

Book Prescribed :

1. *Vistas and Visions: An Anthology of Prose and Poetry*. (Ed.) Kalyani Samantray, Himansu S. Mohapatra, Jatindra K. Nayak, Gopa Ranjan Mishra, Arun Kumar Mohanty. OBS

Texts to be studied

Prose

1. Decoding Newspapers
2. The Gold Frame
3. Of Truth
4. Lifestyle English

Poetry

1. Lines Composed a few miles above Tintern Abbey
2. Sonnet 46 (Shakespeare)
3. Pigeons

All grammar and writing activities in the textbook

Scheme of Evaluation :

Mid Semester Examination : 10 marks

Writing	: 1 question	04x01 qn= 04 marks
Speaking	: 2 questions	03x02 qns = 06 marks

End Semester Examination: 80 marks

Unit I :	Reading: 05 questions (3 prose and two poetry questions)	03x05 qns= 15 marks
Unit II :	Writing: 03 questions	05x03 qns= 15 marks
Unit III :	Grammar & usage: 10 qns	01x10 qns = 10 marks

SEMESTER-II

C-2.1 : ARCHAEOLOGICAL ANTHROPOLOGY

Full Marks - 100

Mid Sem – 20/1 hr

End Sem Theory – 50/3 hrs

UNIT- I :

Introduction, Definition and scope of Archaeological Anthropology; Relation with other disciplines; Methods of studying archaeological anthropology

UNIT-II :

Methods of Estimation of Time and Reconstruction of the Past; Absolute dating methods: Radiocarbon dating (C^{14}), Potassium-Argon, Fission Track Dating; Relative dating methods: Stratigraphy, Palaeontology, Palynology.

UNIT-III :

Geochronology of Pleistocene Epoch; Glacial and Interglacial; Pluviation and Inter Pluviation; Different types of geoclimatic events

UNIT-IV :

Understanding Culture; Technique of tool manufacture and estimation of their relative efficiency; Classification of tools: primary and combination fabrication techniques.

UNIT- V :

Earliest evidence of culture in the world: Olduvai Gorge, Olorgesaille, Attirampakkam, Isampur, Kuliana.

PRACTICAL

End Sem Practical – 30/3 hrs

Typo-technological Analysis of Prehistoric Tools: Identification, Interpretation and Drawings of the tool Types

1. Core Tool Types
2. Flake Tool Types
3. Blade Tool Types
4. Microlithic Tool Type
5. Neolithic Tool Type

Suggested Readings :

1. Allchin and Allchin (1993). *The Rise of Civilization of India and Pakistan*. Cambridge University Press
2. Bhattacharya D.K. (1978). *Emergence of Culture in Europe*, Delhi, B.R. Publication.
3. Bhattacharya D.K. (1979). *Old Stone Age Tools and Techniques*. Calcutta, K.P. Bagchi Company
4. Bhattacharya D.K. (1996). *Palaeolithic Europe*. Netherlands, Humanities Press.
5. Champion et al. (1984). *Prehistoric Europe*. New York, Academic Press.
6. Fagan B.M. (1983). *People of Earth: An Introduction*. Boston, Little, Brown & Company.
7. Phillipson D. W. (2005). *African Archaeology*. Cambridge, Cambridge University Press.
8. Sankalia H.D. (1964). *Stone Age Tools*. Poona Deccan College

C-2.2 : FUNDAMENTALS OF HUMAN ORIGIN & EVOLUTION

Full Marks - 100

Mid Sem – 20/1 hr

End Sem Theory – 50/3 hrs

UNIT-I:

Primate origins and radiation with special reference to Miocene hominoids: Ramapithecus, distribution, features and their phylogenetic relationships.

UNIT-II:

Australopithecines: distribution, features and their Phylogenetic relationships, Appearance of genus Homo (*Homo habilis*) and related finds.

UNIT-III:

Homo erectus from Asia, Europe and Africa: Distribution, features and their Phylogenetic status.

UNIT-IV:

The origin of *Homo sapiens*: Fossil evidences of Neanderthals and Archaic *Homo sapiens-sapiens*.

UNIT- V:

Origin of modern humans (*Homo sapiens-sapiens*): Distribution and features; Multiregional and Out of Africa theory; Humanization process

PRACTICAL

End Sem Practical – 30/3 hrs

1. Craniometry: Maximum cranial length Maximum cranial breadth
Maximum bizygomatic breadth Maximum frontal breadth
Minimum frontal breadth Nasal height
Nasal breadth Bi-mastoid breadth
Greatest occipital breadth Upper facial height
Cranial index Nasal index
2. Osteometry: Measurements of long bones: lengths, minimum/least circumference and caliber index
3. Identification of casts of fossils of family hominidae: Drawing and comparison of characteristics.

Suggested Readings :

1. Buettner-Janusch, J. (1966). *Origins of Man: Physical Anthropology*. John Wiley & Sons, Inc., New York, London, Sydney.
2. Conroy, G.C. (1997). *Reconstructing Human Origins: A Modern Synthesis*. W. W. Norton & Company, New York, London.
3. Howell F.C. (1977). *Horizons of Anthropology*. Eds. S. Tax and L.G. Freeman, Aldine Publishing House, Chicago.
4. Nystrom P. and Ashmore P. (2011). *The Life of Primates*. PHI Learning Private Limited, New Delhi.
5. Seth P. K. and Seth S. (1986). *The Primates*. Northern Book Centre, New Delhi, Allahabad.
6. Singh I. P. and Bhasin M.K. (1989). *Anthropometry: A Laboratory Manual on Biological Anthropology*. Kamla-Raj Enterprises, Chawri Bazar, Delhi.
7. Standford C.; Allen J.S. and Anton S.C. (2012). *Biological Anthropology: The Natural History of Mankind*. PHI Learning Private Limited, New Delhi.
8. Swindler D. R. (2009). *Introduction to the Primates*. Overseas Press India Pvt. Ltd., New Delhi.

GE-2.3: INDIAN ECONOMY I

Full Marks - 100

Mid Sem – 20/1 hr

End Sem – 80/3 hrs

UNIT-I: Introduction to Indian Economy

British Rule: exploitation and under development in India; features of Indian economy – natural resources, infrastructure, population

UNIT-II: Population and Human Development

Demographic trends and issues; education; health and malnutrition

UNIT-III: National Income in India

National income: trends, sectoral composition;

UNIT-IV: Economic Planning in India & Recent Changes

Economic planning: Planning Commission and its functions, Planning exercises in India, Objectives, Strategies and achievements, NITI Aayog

UNIT-V: Current Challenges

Poverty: definition and estimate, poverty line, poverty alleviation programs; Inequality: income and regional inequality – causes and corrective measures; Unemployment: concepts, measurement, types, causes and remedies;

Environmental challenges: Land, water and air

Suggested Books:

1. U. Kapila (2010): *Indian economy since Independence*. Academic Foundation, New Delhi
2. S. K. Misra and V. K. Puri (Latest Year): *Indian Economy — Its Development Experience*, Himalaya Publishing House, Mumbai
3. S. Chakraborty: *Development Planning: The Indian Experience*. Clarendon Press.
4. R. Dutt and K. P. M. Sundharam (Latest Year): *Indian Economy*, S. Chand & Company Ltd., New Delhi.
5. A. Panagariya (2008): *India: the Emerging Giant*, Oxford University Press, New York
6. S. Acharya and R. Mohan (Eds.) (2010): *India's Economy: Performance and Challenges*, Oxford University Press, New Delhi.
7. I. J. Ahluwalia and I. M. D. Little (Eds.) (1998): *India's Economic Reforms and Development: Essays for Manmohan Singh*, Oxford University Press, New Delhi.

GE-2.3 : INDUSTRIAL GEOGRAPHY/OTHER RELATED DISCIPLINE

Full Marks - 100
Mid Sem – 20/1 hr
End Sem – 80/3 hrs

UNIT-I :

Nature, Scope and Subject Matter of Industrial Geography

UNIT-II :

Types, Geographical Characteristics and Location of Industries: Small and Medium Enterprises, Coal and Iron, Tertiary Industries, Rural based Industries

UNIT-III :

Mega Industrial Complexes: National Capital Region, Mumbai-Pune Industrial Region, Bengaluru-Tamil Nadu Industrial Region and Chota Nagpur Industrial Region

UNIT-IV :

Impact of Industrialisation in India: Environmental; Social and Economic

UNIT-V :

Industrial Policy of India

Suggested Readings :

1. P. Ray, Economic Geography a Resource Approach
2. Leong and Morgan, Human and Economic Geography
3. S. Singh, Industrial Geography
4. Peter Hagget Geography a Modern synthesis

GE-2.3 : ଓଡ଼ିଆ (ପ୍ରଥମ ପଢ଼ା)

Full Marks - 100
Mid Sem – 20/1 hr
End Sem – 80/3 hrs

ୟୁନିଟ୍-୧ : କୃଷି, ଚର୍ଚ୍ଚିତ, ସମୋଜାରିତ ଶିଳ୍ପ, ଏକପଦାକରଣ

ୟୁନିଟ୍-୨ : କବିତା- ସମୁଦ୍ର କନ୍ୟା- ଭାନୁଜୀରାଓ
କୁରୁଜା ପାଇଁ ଗୋଟିଏ ସଙ୍ଗୀତ- ସୀତାକାନ୍ତ ମହାପାତ୍ର
ଜହ୍ନରାତି- ଦେବଦାସ ଛୋଟରାୟ

ୟୁନିଟ୍-୩ : ପ୍ରବନ୍ଧ- ପ୍ରତିବେଶୀ- ଚନ୍ଦ୍ରଶେଖର ରଥ
ଓଡ଼ିଆ ଓ ଓଡ଼ିଶା- ଚିତ୍ତରଞ୍ଜନ ଦାସ
ସମାଜର ରାତି ନୀତି ପରିବର୍ତ୍ତନ- ଫକୀର ମୋହନ ସେନାପତି

ୟୁନିଟ୍-୪ : ଗଳ୍ପ -ଡିମିରିୟୁଲ- ଅଶ୍ୱଳ୍ପ ମୋହନ ପଟ୍ଟନାୟକ

ଲକ୍ଷ୍ମୀର ଅଭିସାର- ମନୋଜ ଦାସ

ମାଂସର ବିଳାପ- କାଳିନ୍ଦୀଚରଣ ପାଣିଗ୍ରାହୀ

ୟୁନିଟ୍-୫ : ଓଡ଼ିଆ କ୍ଷୁଦ୍ର ଗଳ୍ପ ଓ ଉପନ୍ୟାସର ନାଟ୍ୟରୂପ / ଚଳଚ୍ଚିତ୍ରରୂପ

AECC-2.4 : ENVIRONMENTAL STUDIES

Full Marks –50
Mid Sem – 10/1 hr
End Sem– 40/3hrs

UNIT-I :

Concept of environment : Ecology; Ecosystem; types and components of the ecosystem. Ecological adaptations of plants and animals

UNIT-II :

Functional aspects of ecosystem : Trophic level, food chain, food web, energy flow in the ecosystem, ecological pyramids, Biogeochemical cycles: Water cycle and Nitrogen cycle

UNIT-III :

Environmental Pollution: Source, causes and concept of air, water, noise, soil, pollution, Sewage & Sewage treatment, green house effect, Acid rain, Ozone layer depletion

UNIT-IV :

Conservation of Natural Resources : Resources, renewable & non renewable resources; soil, soil erosion and its conservation; Forest, deforestation; afforestation, conservation of Forest

Suggested Readings :

1. Shukla, R.S and Chandel, P.S : Plant Ecology and soil science, S. Chand & Company Ltd, New Delhi
2. Sharma, P.D. : Ecology and Environment, Rastogi Publication, Meerut.
3. Singh, J.S. Singh, S.P and Gupta, R.S (2006). Environmental Science, Kalyani Publishers, New Delhi

SEMESTER-III

C-3.1: TRIBES AND PEASANTS IN INDIA

Full Marks - 100
Mid Sem – 20/1 hr
End Sem Theory – 50/3 hrs

UNIT- I:

Definition and Concept of Tribe; Problems of nomenclature, distribution and classification; Features of tribes in India.

UNIT- II:

Tribes in India. The history of tribal administration; Constitutional safeguards; Draft National Tribal Policy, Issues of acculturation assimilation and integration; Impact of development schemes and programme on tribal life

UNIT- III:

Concept of Indian Village; The concept of peasantry; Approaches to the study of peasants – economic, political and cultural.

UNIT- IV:

Characteristics of Indian village: social organization; economy and changes. Caste system and its changes in the Indian society

UNIT- V:

Ethnicity Issues: Tribal and peasant, movements; Identity issues

PRACTICAL

End Sem Practical – 30/3 hrs

Reading of Ethnography: Students are required to read and analyze any two of the ethnographies (as listed below) and prepare a report based upon it. The report should clearly link up the study with the concept of tribe and peasantry and delineate clearly the concept used in the text.

1. Research questions/objectives of the study and their relevance.
2. Theoretical schema.
3. Methods and techniques used in the study.
4. Key findings and their significance in the context of the objectives of the study.
5. Critical analysis of the finding on the basis of contemporary available resources.

List of Ethnographies:

1. Walker A. (1986). *The Todas*. Delhi : Hindustan Publishing Corporation Verrier Elwin (1992). *The Muria and their Ghotul*. USA: Oxford University Press.
2. Malinowski M. (1922). *Argonauts of the Western Pacific*. London: Routledge and Kegan Paul Ltd.
3. Furer-Haimendorf C.V. (1939). *The Naked Nagas*. London: Methuen and Co.
4. Evans-Pritchard E.E. (1940). *The Nuer: A Description of the Modes of Livelihood and Political Institutions of a Nilotic People*. Oxford : Clarendon Press.
5. Majumdar D. N. (1950). *Affairs of tribes*. Lucknow: Universal Publishers Ltd.

6. Dube S.C. (1955). *Indian Village*. London: Routledge and Kegan Paul Ltd.
7. Berreman G.D. (1963). *Hindus of the Himalayas*. Berkeley: California University Press.

Suggested Readings :

1. Gupta D. (1991). *Social Stratification*. Oxford University Press: Delhi.
2. Madan V. (2002). *The Village in India*. Oxford University Press: Delhi.
3. Nathan D. (1998). *Tribe-Caste Question*. Simla: IAS.
4. National Tribal Policy (draft). (2006). Ministry of Tribal Affairs. Government of India.
5. Patnaik S.M. (1996). *Displacement, Rehabilitation and Social change*. Inter India Publication, Delhi.
6. Shah G. (2002). *Social Movement and the State*. Delhi: Sage.
7. Shanin T. (1987). *Peasants and Peasantry*. New York, Blackwell.
8. Vidyarthi L.P. and Rai B.K. (1985) *Tribal Culture in India*, New Delhi, Concept Publishing Company.
9. Wolf E. (1966). *Peasants*. NJ, Prentice Hall.

C-3.2: HUMAN ECOLOGY

Full Marks - 100
Mid Sem – 20/1 hr
End Sem Theory – 50/3 hrs

UNIT- I:

Concepts in Ecology: Definition, adaptation, acclimation, acclimatization, biotic and abiotic component

UNIT- II:

Methods of studying human ecology. Adaptation to various ecological stresses: heat, cold and high altitude;

UNIT- III:

Ecological rules and their applicability to human populations, Culture as a tool of adaptation;

UNIT- IV:

The Various modes of human adaptation in pre-state societies; (i) Hunting and food gathering (ii) Pastoralism and (iii) Shifting cultivation and Agriculture and peasantry

UNIT- V:

Ecological themes of state formation: i. Neolithic revolution, ii. Hydraulic Civilization, Impact of urbanization and industrialization on Man

PRACTICAL

End Sem Practical – 30/3 hrs

Biological Dimensions

Size and Shape Measurements

- | | |
|---------------------------------|---------------------------------|
| 1. Stature | 5. Total Lower Extremity Length |
| 2. Sitting Height | 6. Nasal Breadth |
| 3. Body Weight | 7. Nasal Height |
| 4. Total Upper Extremity Length | |

Size and Shape Indices (Any two)

- | | |
|----------------------------|------------------------------------------|
| 1. Body Mass Index | 4. Relative Upper Extremity Length |
| 2. Ponderal Index | 5. Relative Total Lower Extremity Length |
| 3. Relative Sitting Height | 6. Nasal Index |

Cultural Dimensions

1. Make a research design pertaining to any environmental problem and do a project based on it.

Suggested Readings :

1. Human ecology: biocultural adaptation in human communities. (2006) Schutkowski, H. Berlin. Springer Verlag.
2. Human ecology. (1964) Stapledon. Faber & Faber.
3. Human ecology and cognitive style: comparative studies in cultural and physical adaptation (1976). Berry, J.B. New York: John Wiley.
4. Studies in Human Ecology. (1961) Theodorson, G.A. Row, Peterson & Company Elmsford, New York.
5. Human ecology: (1973) Problems and Solutions. Paul R. Ehrlich, Anne H. Ehrlich and John P. Holdress. W.H. Freeman & Company, San Francisco.
6. Cohen, Yehudi A. 1968. *Man in adaptation; the cultural present*. Chicago: Aldine Pub. Co.
7. Redfield, Robert. (1965). *Peasant society and culture an anthropological approach to civilization*. Chicago [u.a.]: Univ. of Chicago Press.
8. Symposium on Man the Hunter, Richard B. Lee, and Irven DeVore. 1969. *Man the hunter*. Chicago: Aldine Pub. Co.
9. Dave Deeksha & S.S. Katewa (2012). *Text Book of Environmental Studies*. Cengage Learning India Pvt. Ltd., Delhi
10. Eugene P. Odum and Gary W. Barrett (2004). *Fundamentals of Ecology*. Cengage Learning; 5 edition.

C-3.3 : BIOLOGICAL DIVERSITY IN HUMAN POPULATIONS

Full Marks - 100

UNIT- I:

Concept of Biological Variability; Race, Hardy-Weinberg Law; Sources of Genetic Variation; Structuring Genetic Variation; Genetic Polymorphism (Serological, Biochemical and DNA Markers)

UNIT- II:

Role of Bio-cultural Factors: Human Adaptability Cultural Biology; Bio-cultural factors influencing the diseases and nutritional status; Evolution of Human diet, biological perspectives of ageing process among different populations

UNIT- III:

Demographic Perspective Demographic Anthropology; Sources of Demographic Data, Demographic Processes, Demographic profile of Indian populations and its growth structure

UNIT- IV:

Inbreeding and Consanguinity – Biological consequences of inbreeding,

UNIT- V:

Genetic diversity among Indian Population, A critical appraisal of contribution of Risley, Guha, Rickstett and Sarkar towards understanding ethnic elements in the Indian populations

PRACTICAL

End Sem Practical – 30/3 hrs

Any Two

1. Craniometric Measurements (Skull & Mandible)
2. Determination of B, O; and Rh blood groups of ten subjects.
3. Analysis and interpretation of finger ball pattern types, palmar main lines and pattern index; Finger print classification and development of chance prints and statistical treatment of the data collected (Ten Subjects)
4. Collection of demographic data from secondary sources.

Suggested Readings:

1. Baker P.T. and J.S. Weiner (ed.) (1996) *the Biology of Human Adaptability*. Oxford & New York, Oxford University Press.
2. Bhende A. and T. Kantikar (2006) *Principles of Population Studies*. Himalayan Publishing House, Mumbai
3. Bogin B. (1999). *Pattern of Human Growth*. 2nd edition CUP.
4. Cameron Noel and Barry Bogin (2012) *Human Growth and development*. Second edition, Academic Press Elsevier.
5. Eckhardt R.B.(1979) *The Study of Human Evolution*. McGrand Hill Book Company, USA.
6. Frisancho R. (1993) *Human Adaptation and Accommodation*. University of Michigan press
7. Harrison G.A., Tanner, J.M., Pilbeam, D.R., Baker, P.T. (1988) *Human Biology*. Oxford University Press.
8. Kapoor A.K. and Satwanti Kapoor (ed) (1995). *Biology of Highlanders*. Jammu, Vinod Publisher & Distributor.
9. Kapoor A.K. and Satwanti Kapoor (eds) (2004) *India's Elderly-A Multidisciplinary Dimension*. Mittal Publication, New Delhi.
10. Klepinge L.L. (2006). *Fundamentals of Forensic Anthropology*. John Willey & Sons., New Jersey.
11. Malhotra K.C. and B. Balakrishnan(1996) *Human Population Genetics in India*.

GE-3.4 : HISTORY OF INDIA-II

Full Marks - 100
Mid Sem – 20/1 hr
End Sem – 80/3 hrs

UNIT-I : Economy and Society (300 BC to 300 AD):

- (a) Urban growth: North India, Central India and the Deccan
- (b) Trade and Trade Routes, Coinage

UNIT-II : Changing Political Formations :

- (a) The Mauryan Empire – Expansion and administration
- (b) Kushanas – Kanishka I - achievements
- (c) Satavahanas – Gautamiputra Satakarni

UNIT-III : Towards Early Medieval India (4th century to 750AD) :

- (a) Decline of Trade, Currency, Urban Settlement
- (b) Pattern of Administration – Gupta and Vardhanas.

UNIT-IV : Religion, Philosophy (300 BC – 750 AD):

- (a) Brahmanical tradition: Dharma, Varnashrama, Purushartha, Sanskara
- (b) Mahayana Buddhism.
- (c) Tantricism

UNIT-V : Cultural Developments :

- (a) A brief survey of literature – Sanskrit, Tamil Literature, Scientific and technical treatises
- (b) Art and Architecture : Mauryan – Stupa, Ashokan Pillar, Post Mouryan, Gandhara School of Art, Guptas – Evolution of temple Architecture

Suggested Readings :

1. B. D. Chattopadhyaya, The Making of Early Medieval India, 1994.
2. D. D. Kosambi, An Introduction to the Study of Indian History, 1975.
3. R.S. Sharma, Urban Decay in India, C300-C1000, Delhi, Munshiram Manohar Lal, 1987.
4. Romila Thapar, Asoka and the Decline of the Mauryas, 1997.
5. Susan Huntington, The Art of Ancient India : Buddhist, Hindu and Jain

GE-3.4 : INDIAN POLITY (PAPER-II)

Full Marks - 100
Mid Sem – 20/1 hr
End Sem – 80/3 hrs

UNIT-I :

Union – State Relationship, Legislative, Administrative & Financial, Recent trends in Indian federation

UNIT-II : Constitutional Agencies

Election Commission, Electoral Reforms, Finance Commission

UNIT-III : National Integration

Problems & Prospects

UNIT-IV : Challenges to Democracy

Caste, Religion, Women empowerment

UNIT-V :

Political parties & Party system in India (National & Regional)

Suggested Readings :

1. Basu, D.D. (2012) *Introduction to the Constitution of India*, New Delhi: Lexis Nexis.
2. Laxmikanth, M(2015) '*Indian Polity*' New Delhi: Tata McGraw Hill
3. Paul R. Brass(1999) *The Politics of India Since Independence*, Cambridge University Press
4. Fadia, B.L.(2017) *Indian Government and Politics*, Sahitya Bhawan Publication

AEEC-3.5(SEC-I) : SOFT SKILLS

Full Marks - 50
Mid Sem – 10/1 hr
End Sem – 40/3hrs

UNIT-I : Soft skills and why they are important

What are soft skills?

Soft skills in communication; soft skills and intercultural communication

UNIT-II: Soft skills in preparing for a career

1. Competency in Oral and written communication skills: active listening, interactive speaking, reading different types of texts, writing for formal and business contexts
2. Using the Microsoft Office: word, excel, PowerPoint; working online and offline, Telephone and face-to-face etiquette in professional communication

UNIT-III: Job-related Soft skills

1. CV Writing, writing job applications; GD Skills and interview taking skills; getting another job
2. Emotional Intelligence; time and stress management; team work and net-working; presentation skills; making meeting work: preparing, executing, following up; negotiation skills and crisis management

Prescribed Readings :

1. Kalyani Samantray, Soft Skills for your Career, OUP
2. Himansu S. Mohapatra, Model of the Middle (Pieces to read: "Our Literature Their Literature", "Life style English", "Writing it Right", "The Venglish way to English")

Suggested Readings :

1. Jayashri Mohanraj, Skill Sutras
2. Marian K Woodal, *How to Communicate under Pressure*

Scheme of Evaluation :

Mid Semester Examination: 10 marks

Unit I: 02 questions x 05 marks=10 marks

End Semester Examination: 40 marks

Unit II: 1 long answer question+ 2 short notes (10+(5x2) =20 marks

Unit III: 1 long answer question+ 2 short notes (10+(5 x 2) =20 marks

SEMESTER-IV

C-4.1 : THEORIES OF CULTURE AND SOCIETY

Full Marks - 100
Mid Sem – 20/1 hr
End Sem Theory – 50/3 hrs

UNIT- I:

Emergence of Anthropology: Interface with evolutionary theory and colonialism,

UNIT- II:

Evolutionism, Diffusionism and Culture area theories.

UNIT- III:

Emergence of Fieldwork tradition; Historical Particularism, American Cultural Tradition

UNIT- IV:

Durkheim and Social integration; Functionalism and Structural-functionalism and British Social Anthropology

UNIT- V:

Structuralism: Claude Levi-Strauss and Edmund Leach; Symbolism and Interpretative approach

PRACTICAL

End Sem Practical – 30/3 hrs

As a part of the practical following exercises will be undertaken by the students so as to enable them to connect the theories they learn with things of everyday living.

1. To identify a topic relating to contemporary issue and formulate research questions and clearly identify the theoretical perspectives from which they are derived.
2. Identification of variables of a study.
3. Various types of hypotheses.
4. Formulation of hypothesis.
5. Distinction between hypothesis testing and exploratory research.
6. Identification of universe and unit of study with justifications.
7. Choice of appropriate research technique and method in the context of theoretical framework.
8. Data collection and analysis

Suggested Readings :

1. Applebaum H.A. (1987) *Perspectives in Cultural Anthropology*. Albany: State University of New York.
2. Barnard A. (2000). *History and Theory in Anthropology*. Cambridge: Cambridge University.
3. McGee R.J. and Warms R.L. (1996) *Anthropological Theories: An Introductory History*.
4. Moore M. and Sanders T. (2006). *Anthropology in Theory: Issues in Epistemology*, Malden, MA: Blackwell Publishing.

C-4.2 : HUMAN GROWTH AND DEVELOPMENT

Full Marks - 100

Mid Sem – 20/1 hr

End Sem Theory – 50/3 hrs

UNIT- I:

Concept of human growth, development, differentiation and maturation; Evolutionary perspective on human growth (including living primates and fossil human ancestors)

UNIT- II:

Prenatal (conception till birth) and postnatal (birth till senescence) period of growth, pattern of normal growth curves, variation from normal growth (canalization, catch-up growth and catch-down growth), ethnic and gender differences in growth curves, secular trend

UNIT- III:

Bio-cultural factors (genetic, social, and ecological factors) influencing patterns of growth and variation, methods and techniques to study growth, significance/ applicability of growth studies

UNIT- IV:

Nutritional epidemiology-concept of balanced diet, impact of malnutrition (over and under) with special reference to obesity, Kwashiorkor and Marasmus. Assessment of nutritional status

UNIT- V:

Human physique and body composition – models and techniques; gender and ethnic differences; Somatotyping and human physique with reference to Sheldon, Parnell, Heath and Carter methods

PRACTICAL

End Sem Practical – 30/3 hrs

Any two

1. Growth status: Somatometry (stature, body weight, mid upper arm circumference etc), assessment of chronological age, percentile, z-score, height for age, weight for age, BMI for age
2. Obesity assessment: General (BMI, body fat %, Conicity index, body adiposity indices) and regional adiposity indices (WC, WHR, WHtR)
3. Estimation of body composition (fat percentage and muscle mass) with skinfold thickness and bioelectric impedance
4. Nutritional assessment through dietary pattern and anthropometric indices

Suggested Readings :

1. Bogin B. (1999) *Patterns of human growth*. Cambridge University Press.
2. Frisancho R. (1993) *Human Adaptation and Accommodation*. University of Michigan Press.
3. Cameron N and Bogin B. (2012) *Human Growth and Development*. Second edition, Academic press Elsevier.
4. Harrison GA and Howard M. (1998). *Human Adaptation*. Oxford University Press.
5. Harrison GA, Tanner JM, Pibeam DR, Baker PT. (1988). *Human Biology*. Oxford University Press.
6. Jurmain R, Kilgore L, Trevathan W. *Essentials of physical anthropology*. Wadsworth publishing.
7. Kapoor AK and Kapoor S. (1995) *Biology of Highlanders*. Vinod Publisher and Distributor.
8. Kathleen K. (2008). *Encyclopedia of Obesity*. Sage.

9. Malina RM, Bouchard C, Oded B. (2004) Growth, Maturation, and Physical Activity. Human Kinetics.
10. Singh I, Kapoor AK, Kapoor S. (1989). Morpho-Physiological and demographic status of the Western Himalayan population. In Basu and Gupta (eds.). Human Biology of Asian Highland Populations in the global context.
11. Sinha R and Kapoor S. (2009). Obesity: A multidimensional approach to contemporary global issue. Dhanraj Publishers. Delhi.

C-4.3 : RESEARCH METHODS

Full Marks - 100
Mid Sem – 20/1 hr
End Sem Theory – 50/3 hrs

UNIT- I:

Field work tradition in Anthropology; Ethnographic approach, contribution of Malinowski, Boas and other pioneers; cultural relativism, ethnocentrism, etic and emic perspectives, techniques of rapport establishment identification of representative categories of informants.

UNIT- II:

Research Design; Review of literature, conceptual framework, formulation of research problem, formulation of hypothesis, sampling, tools and techniques of data collection: Survey method, Observation, Questionnaire, Schedule, Interview, Case study, Life history and Genealogy; data analysis and report writing- Chapterization, preparing a text for submission and publication, concepts of preface, glossary, appendix, bibliography(annotated) and references cited.

UNIT- III:

Ethics and Politics of Research Identify, define, and analyze ethical issues in the context of human subject research; Ethical importance of consent, privacy and confidentiality in research; Issues of academic fraud and plagiarism, conflicts of interest, authorship and publication

UNIT- IV:

Bio-Statistics; Guiding ideals and critical evaluation of major approaches in research methods, basic tenets of qualitative research and its relationship with quantitative research; Types of variables, presentation and summarization of data (tabulation and illustration).

UNIT- V:

Descriptive statistics- Measures of Central Tendency, Measure of Variation, Variance and standard deviation, Tests of Inference- Variance ratio test, Student's 't' tests, Chi-square test

PRACTICAL

End Sem Practical – 30/3 hrs

1. Construction of Genealogy & Pedigree Analysis.
2. Observation: Direct, Indirect, Participant, Non-participant, Controlled
3. Questionnaire and Schedule, Interview- Unstructured, Structured, Key informant interview, Focussed Group Discussion, and Free listing, pile sorting
4. Case study and life history

Suggested Readings :

1. Garrard E and Dawson A. What is the role of the research ethics committee? Paternalism, inducements, and harm in research ethics. Journal of Medical Ethics 2005; 31: 419-23.
2. Bernard H.R. Research Methods in Anthropology, Qualitative and Quantitative Approaches. Jaipur: Rawat Publications. 2006.
3. Madrigal L. Statistics for Anthropology. Cambridge: Cambridge University Press. 2012.
4. Zar JH. Biostatistical Analysis. Prentice Hall. 2010.
5. Michael A. The Professional Stranger. Emerald Publishing. 1996.
6. Bernard R. Research Methods in Anthropology: Qualitative and Quantitative Approaches. Alta Mira Press. 2011.
7. Emerson RM, Fretz RI and Shaw L. Writing Ethnographic Fieldnotes. Chicago, University of Chicago Press. 1995.
8. Patnaik S.M. Culture, Identity and Development: An Account of Team Ethnography among the Bhil of Jhabua. Jaipur: Rawat Publications. 2011.
9. Pelto PJ and Pelto GH. Anthropological Research, The Structure of Inquiry. Cambridge: Cambridge University Press. 1978.

GE-4.4: INDIAN ECONOMY II

Full Marks - 100
Mid Sem – 20/1 hr
End Sem – 80/3 hrs

UNIT-I: Agricultural Development in India

Indian Agriculture: nature, importance, trends in agricultural production and productivity, factors determining production, land reforms, new agricultural strategies and green revolution, rural credit; Agricultural marketing and warehousing.

UNIT-II: Industrial Development in India

Trends in industrial output and productivities; Industrial Policies of 1948, 1956, 1977 and 1991; Industrial Licensing Policies – MRTP Act, FERA and FEMA; Growth and problems of SSIs, Industrial sickness; Industrial finance; Industrial labour

UNIT-III: Tertiary Sector and HRD

Tertiary Sector: growth and contribution of service sector to GDP of India, share of services in employment; Human development – concept, evolution, measurement; HRD: indication, importance, education in India, Indian educational policy; Health and Nutrition.

UNIT-IV : Foreign Trade

Foreign Trade: role, composition and direction of India's foreign trade, trends of export and import in India, export promotion versus import substitution; Balance of Payments of India; India's Trade Policies;

UNIT-V : Capital Flows

Foreign Capital inflow & outflow-foreign assistance, foreign aid, international borrowing, foreign investment-FPI & FDI, MNCs

Suggested Books:

1. U. Kapila (2010): *Indian economy since Independence*. Academic Foundation, New Delhi
2. S. K. Misra and V. K. Puri (Latest Year): *Indian Economy — Its Development Experience*, Himalaya Publishing House, Mumbai
3. S. Chakraborty: *Development Planning: The Indian Experience*. Clarendon Press.
4. R. Dutt and K. P. M, Sundharam (Latest Year): *Indian Economy*, S. Chand & Company Ltd., New Delhi.
5. A. Panagariya (2008): *India: the Emerging Giant*, Oxford University Press, New York
6. S. Acharya and R. Mohan (Eds.) (2010): *India's Economy: Performance and Challenges*, Oxford University Press, New Delhi.
7. I. J. Ahluwalia and I. M. D. Little (Eds.) (1998): *India's Economic Reforms and Development: Essays for Manmohan Singh*, Oxford University Press, New Delhi.

GE-4.4 : DISASTER MANAGEMENT/OTHER RELATED DISCIPLINE

Full Marks - 100

Mid Sem – 20/1 hr

End Sem – 80/3 hrs

UNIT-I :

Disasters: Definition and Concepts: Hazards, Disasters; Risk and Vulnerability; Classification

UNIT-II :

Disaster in India: (a) Flood: Causes, Impact, Distribution and Mapping; Landslide: Causes, Impact, Distribution and Mapping; Drought: Causes, Impact, Distribution and Mapping

UNIT-III :

Disaster in India: (b) Earthquake and Tsunami: Causes, Impact, Distribution and Mapping; Cyclone: Causes, Impact, Distribution and Mapping; Manmade disasters: Causes, Impact, Distribution and Mapping

UNIT-IV :

Response and Mitigation to Disasters: Mitigation and Preparedness, NDMA and NIDM; Indigenous Knowledge and Community-Based

UNIT-V :

Disaster Management; Do's and Don'ts During Disasters.

Suggested Readings :

1. S. Singh, Environmental Geography
2. Odum. P., Fundamentals of Ecology
3. Sharma P.D, Ecology and Environment
4. K.L. Joshi, India a comprehensive study

GE-4.4 : ଓଡ଼ିଆ (ଦ୍ଵିତୀୟ ପଢ଼ା)

Full Marks - 100

Mid Sem – 20/1 hr

End Sem – 80/3 hrs

ଉପନିବନ୍ଧ-୧ : ପ୍ରବନ୍ଧ: ସୌନ୍ଦର୍ଯ୍ୟ ଓ ପ୍ରେମ- ଶଶି ଭୂଷଣ ରାୟ

ଅଗ୍ର- ନିତ୍ୟାନନ୍ଦ ମହାପାତ୍ର

ଉପନିବନ୍ଧ-୨ : କବିତା: ମୌସୁମୀ- ରାଧା ମୋହନ ଗଡ଼ନାୟକ

ସମ୍ବନ୍ଧପତ୍ର- ସୀତାକାନ୍ତ ମହାପାତ୍ର

ଉପନିବନ୍ଧ-୩ : ଗଳ୍ପ: ଶିକାର- ଭଗବତୀ ଚରଣ ପାଣିଗ୍ରାହୀ

ଅନ୍ଧାରତର ସୂର୍ଯ୍ୟ- ମହାପାତ୍ର ନୀଳମଣି ସାହୁ

ଉପନିବନ୍ଧ-୪ : ବ୍ୟାକରଣ: ସମୋଚ୍ଚାରିତ ଭିନ୍ନାର୍ଥବୋଧକ ଶବ୍ଦ

AEEC-4.5 (SEC-II) : MUSEOLOGY AND CULTURAL RESOURCE MANAGEMENT

Full Marks - 50

Mid Sem – 10/1 hr

End Sem Theory – 40/3 hrs

UNIT-I :

Museum, Museology and New Museology : Museum and Museology: Meaning, Definition, Nature and Scope; Classification of Museums in India -National Museum, State Museum, University Museum, Specialized Museums in India.

Educational and Extension Activities of Museum: Museum Education, Museum Library and Publication, Public Relations, Museum and Communities

UNIT-II :

Museum Administration, Acquisition, Display and Documentation : Museum Administration: Staff

Acquisition and Arrangement of Specimens: Modes and ways of Acquisition of Museum Specimens, Principles of Display and Arrangement in Museums(including lighting)

UNIT-III:

Management of Cultural Resources in Museum (Storage, Security and Conservation)

Museum Storage: Location of the storage, Storage Furniture, Lighting and Ventilation in Storage, Methods of Storage, Visual Storage.

UNIT-IV:

Conservation of Cultural Resources in Museum: Causes of Decay and Deterioration, Care and Handling, Cleaning and Repairing, Packing and Shifting of Museum Objects; Preservation of Organic and Inorganic Objects in Museums

SEMESTER-V

C-5.1 : PREHISTORIC ARCHAEOLOGY OF INDIA

Full Marks - 100

Mid Sem – 20/1 hr

End Sem Theory – 50/3 hrs

UNIT- I: Pleistocene chronology of India; Palaeolithic cultures in India

Palaeolithic cultures in India: Lower Palaeolithic cultures – evidences from Kashmir Valley and Peninsular India), Middle Palaeolithic culture in India, Upper Palaeolithic culture in India (characteristic features, major type tools, important sites, chronology with stratigraphic evidences). Some important sites of Odisha may be discussed on above cultural periods

UNIT- II: Mesolithic cultures in India

Mesolithic cultures in India (characteristic features, major type tools, important regions and sites, chronology with stratigraphic evidences (some important sites of Odisha may be discussed on above cultural period)

UNIT- III: Neolithic cultures in India

Neolithic culture in India (characteristic features, major type tools, important regions and sites, chronology with stratigraphic evidences (some important sites of Odisha may be discussed on above cultural period)

UNIT- IV: Chalcolithic cultures in India

Chalcolithic culture in India (characteristic features, important regions and sites, chronology with stratigraphic evidences (some important sites of Odisha may be discussed on above cultural period).

UNIT- V: Rock art of India

Prehistoric Art in India with special reference to Central India and Odisha

PRACTICAL

End Sem Practical – 30/3 hrs

1. Identification of tools:

- | | |
|------------------------------------------------|-----------------------|
| (a) Hand axe varieties, chopper/chopping tools | (b) Cleaver varieties |
| (c) Side scraper varieties | (d) Knives |
| (e) Burins | (f) End scrapers |
| (g) Borer | (h) Microlithic tools |
| (i) Bone tools | |

2. Identification of lithic technology.

Suggested Readings :

1. Agarwal, D. P.1984, *Archaeology of India*. New Delhi: Select Book Services Syndicate.

2. Allchin, Briquet. and Raymond Allchin, 1982. *The Rise of Civilization in India and Pakistan*. Cambridge: Cambridge University Press.
3. Allchin, B. and R. Allchin, 1997. *Origins of Civilization: The Prehistory and Early Archaeology of South Asia*. New Delhi. Viking by Penguin Books India (P) Ltd.
4. Bhattacharya, D. K. 1990. *An Introduction to Prehistoric Archaeology*. Delhi; Hindustan Publishing Corporation
5. Bhattacharya, D. K. 2001. *An Outline of Indian Prehistory*. Delhi: Palaka Prakashan.
6. Chakrabarti, D.K. 2001. *India: An Archaeological History: Palaeolithic Beginning to Early Historic Foundation*. New Delhi: Oxford University press.
7. Jain, V.K. 2009. *Prehistory and Protohistory of India*. New Delhi: D.K. Printworld (P) Ltd.
8. Paddayya, K. (Ed.), 2002, *Recent Studies in Indian Archaeology*. New Delhi.
9. Pappu R. S. 2001, *Aheulian Culture in Peninsular India-- An Ecological Perspective*, New Delhi: D.K. Printworld (P) Ltd.
10. Rammi Reddy, V. 1987, *Elements of Prehistory*. New Delhi: Mittal Publications.
11. Rammi Reddy, V. 1989, *Palaeolithic and Mesolithic Cultures*. New Delhi: Mittal Publications.
12. Rammi Reddy, V. 1991, *Neolithic and Post-Neolithic Cultures*. New Delhi: Mittal Publications.
13. Sankalia, H.D. 1974. *Prehistory and Protohistory of India and Pakistan*. Pune: Deccan College.
14. Sankalia (1982) *Stone Tool Type and Technology*. Delhi, B.R. Publication.
15. Settar, S. and R. Korisetar (Ed), 2001, *Indian Archaeology in Retrospect*, Vol.1: PREHISTORY Archaeology of South Asia. New Delhi: Manohar in association with Indian Council of Historical Research.

C-5.2 : ANTHROPOLOGY IN PRACTICE

Full Marks - 100

Mid Sem – 20/1 hr

End Sem Theory – 50/3 hrs

UNIT- I:

Academic Anthropology; Academics and Practitioners: Differences, Structure, Activities, Controversies and Issues: Applied Anthropology, Action Anthropology and Development Anthropology.

UNIT- II:

Role of Anthropology in Development; Anthropology and Public Policy, Need Assessment and Community Development, Anthropology of NGO's, Business Anthropology, Environment and Community Health, Social and economic sustainability, Cultural resource management.

UNIT- III:

Future Dynamics in Anthropology; Trends in Anthropology: Anthropology of Tourism, Anthropology in Census; Designing And Fashion, Visual Anthropology.

UNIT- IV:

Biosocial anthropology in practice; Bio-social elements of human development at national and international level, application of conceptual framework of Forensic Anthropology in judicial settings both criminal and civil

UNIT- V:

Population Dynamics and relationship between population growth and various aspects of culture such as means of subsistence, kinship, social complexity, social stratification and political organization.

PRACTICAL

End Sem Practical – 30/3 hrs

1. The students will visit a NGO or corporate office or census office in Odisha and its adjoining areas and write principal observations on the same.
2. Write a project on constitutional provisions or evaluation of any development project/report.
3. Draw a scene of crime and identify the various evidences in a portrayed crime scene.
4. Write a project on Religious Tourism / Tribal Tourism / Health Tourism / Fashion / Human Rights / Ecotourism.
5. Write a project on the demographic profile from secondary data.
6. Collect data on bio-social problem and design counselling and give the analysis and interpretation.

Suggested Readings:

1. Arya A and Kapoor AK. (2012). *Gender and Health Management in Afro-Indians*. Global Vision Publishing House, New Delhi.
2. Kertzer DI and Fricke T. (1997). *Anthropological Demography*. University of Chicago Press.
3. Basu, A. and P. Aaby (1998). *The Methods and the Uses of Anthropological Demography*. 329 pp. Oxford, Clarendon Press
4. Carter A. (1998). *Cultural Models and Demographic Behavior*. In *The Methods and the Uses of Anthropological Demography* edited by Basu A and Aaby P. Oxford: Clarendon Press. pp 246-268.
5. *Census of India (2001, 2011) and National Family Health Survey (2006, 2010)*.
6. Ervic, Alexander M., (2000). *Applied Anthropology: Tools and Perspectives for Contemporary Practise*, Boston, MA: Allyn and Bacon.
7. Erwin A. (2004). *Applied Anthropology Tools and Practice*, Allyn and Bacon.
8. Gupta S and Kapoor AK. (2009). *Human Rights among Indian Populations: Knowledge, Awareness and Practice*. Gyan Publishing House, New Delhi.
9. Willen SS. (2012). *Anthropology and Human Rights: Theoretical Reconsiderations and Phenomenological*

- Explorations. *Journal of Human Rights*. 11:150–159.
10. Goodale M. (2009). *Human Rights: An Anthropological Reader*. Wiley Blackwell.
 11. Gupta S and Kapoor AK. (2007). *Human Rights, Development and Tribe*. In : *Genes, Environment and Health – Anthropological Perspectives*. K. Sharma, R.K. Pathak, S. Mehra and Talwar I (eds.). Serials Publications, New Delhi.
 12. Margaret AG. (2003). *Applied Anthropology: A Career-Oriented Approach*, Boston, MA: Allyn and Bacon.
 13. Kapoor AK (1998). *Role of NGO's in Human Development : A Domain of Anthropology*. *J IndAnthropSoc*; 33:283-300.
 14. Kapoor AK and Singh D. (1997). *Rural Development through NGO's*. Rawat Publications, Jaipur.
 15. Klepinger LL (2006). *Fundamentals of Forensic Anthropology*. Wiley-Liss Publications
 16. Kumar RK and Kapoor AK. (2009). *Management of a Primitive Tribe: Role of Development Dynamics*. Academic Excellence, Delhi.
 17. Mehrotra N and Patnaik SM. (2008). *Culture versus Coercion: The Other Side of Nirmal Gram Yojna*, *Economic and Political weekly*. pp 25-27.
 18. Mishra RC (2005). *Human Rights in a Developing Society*, Mittal Publications, Delhi.
 19. Patnaik SM (1996). *Displacement, Rehabilitation & Social Change*. Inter India Publications, New Delhi.
 20. Patnaik SM (2007). *Anthropology of Tourism: Insights from Nagaland*. *The Eastern Anthropologist*. 60(3&4):455-470
 21. Srivastav OS (1996). *Demographic and Population Studies*. Vikas Publishing House, India
 22. Vidyarthi LP and BN Sahay (2001). *Applied Anthropology and Development in India*, National Publishing House, New Delhi.
 23. Vidyarthi LP. (1990). *Applied Anthropology in India – Principles, Problems and Case Studies*. Kitab Mahal, U.P.
 24. Vidyarthi V (1981). *Tribal Development and its Administration*. Concept Publishing Company, New Delhi.

DSE-5.3: HUMAN GENETICS

Full Marks - 100

Mid Sem – 20/1 hr

End Sem Theory – 50/3 hrs

UNIT- I:

Structure, Function and Inheritance of the human genome- gene, DNA structure and replication, DNA repair and recombination, gene expression, coding and non-coding region.

UNIT- II:

Expression of genetic information: from Transcription to Translation – the relationship between genes and protein, transcriptions; transcription and RNA processing, encoding genetic information, decoding the codons: the role of transfer RNAs.

UNIT- III:

Methods of Genetic Study in Human: Pedigree analysis and expressivity; Chromosomal Basis of Genetic Disorders (Karyotypes and identification of chromosome variation)

UNIT- IV:

Genetic mapping (Microsatellite and other DNA polymorphisms), sequencing strategies (PCR based Sanger sequencing to Exome sequencing), concept of non-mendelian inheritance and complex diseases.

UNIT- V:

Genomic Diversity & Human Evolution Genomic Variation: Genomic Polymorphisms (SNPs, VNTR, CNVs, etc); haplotypes and haplogroups; genotype-phenotype correlations, evolutionary genetics; Molecular evolution; DNA sequence variation and human origins.

PRACTICAL

End Sem Practical – 30/3 hrs

Any two

1. Blood Collection, transportation and storage in field
2. DNA Extraction from whole blood
3. DNA Quantification, Aliquoting and sample preparation
4. PCR and electrophoresis
5. Gel Documentation

Suggested Readings:

1. Strachan T and Read AP. (2004). *Human Molecular Genetics*. Garland Science
2. Brown TA. (2007). *Genomes*. Garland Science.
3. Griffiths AJF. (2002). *Modern Genetic Analysis: Integrating Genes and Genomes*. WH Freeman Press.
4. Griffiths AJF, Wessler SR, Carroll SB, Doebley J. (2011). *An Introduction to Genetic Analysis*. Macmillan Higher Education.
5. Cavalli-sforza LL, Menozzi P, Piazza A (1994). *History and Geography of Human Genes*. Princeton University.
6. Cummings Michael R. (2009). *Human Genetics*. Cengage Learning India Pvt. Ltd, Delhi.
7. Cummings MR (2011). *Human Heredity: Principles and Issues*. Brooks/Cole, Cengage Learning
8. Giblett, ER. (1969). *Genetic Markers in Human Blood*. Blackwell Scietific, Oxford.
9. Jobling M, Hurls M and Tyler-Smith C. (2004). *Human Evolutionary Genetics: Origins, Peoples & Disease*. New

York: Garland Science.

10. Lewis R. (2009). Human Genetics: Concepts and Application. The McGraw-Hill Companies, Inc.
11. Patch C. (2005). Applied Genetics in Healthcare. Taylor & Francis Group
12. Snustad .D.P. and Simmons M.J. (2006). Principles of Genetics, Fourth Edition, John Wiley & Sons USA
13. Verma, P.S. and V.K. Aggarwal (1974). Cell Biology, Genetic, Molecular Biology, Evolution and Ecology. S.Chand and Company Pvt. Ltd., New Delhi.

DSE-5.4 : ANTHROPOLOGY OF RELIGION, POLITICS AND ECONOMY

Full Marks - 100

Mid Sem – 20/1 hr

End Sem Theory – 50/3 hrs

UNIT- I:

Anthropological approaches to understand religion- magic, Animism, Animatism, Totemism, Naturism; witchcraft and sorcery; Religious specialists: shaman, priests, mystics; Overview of Anthropological Theories of Religion; Religion as the sacrality of ecological adaptation and socialness

UNIT- II:

Economic institutions: principles of production, distribution, and consumption in simple and complex societies; critical examination of relationship between economy and society through neo-classical, substantivist, and neo-marxist approaches, various forms of exchange: barter, trade and market; Forms of currencies; reciprocities: generalized, balanced and negative

UNIT- III:

Political institutions: concepts of power and authority; types of authority; state and stateless societies; law and justice in simple and complex societies; the prospects for democracy and tolerance among and within the world's diverse civilizations

UNIT- IV:

The meaning and sources of identity in complex contemporary societies; the origins of modern politics, its institutions, and cultures, both Western and non-Western

UNIT- V:

Interrelationship between religion, politics and economy; religious conversion and movements, emergence of new religious sects in the global order.

PRACTICAL

End Sem Practical – 30/3 hrs

1. Case study of any of the social institute (religion, economic, political) with respect to culture perspective

Suggested Readings:

1. Durkheim E. (1986). The elementary forms of the religious life, a study in religious sociology. New York: Macmillan.
2. Benedict A. (2006). Imagined Communities: Reflections on the Origin and Spread of Nationalism. Verso
3. Gledhill J. (2000). Power and Its Disguises: Anthropological Perspectives on Politics. 2nd ed. London: Pluto Press.
4. Ellis F. (2000). A framework for livelihood analysis. In Rural Livelihoods and Diversity in Developing Countries. Oxford: Oxford University Press.
5. Henrich J, Boyd R, Bowles S, Camerer C, Fehr E, Gintis H, McElreath R, Alvard M et al. (2005). 'Economic Man' in cross-cultural perspective: Behavioral experiments in 15 small-scale societies. Behavior and Brain Science. 28(6):795-815;
6. Lambek. M. (2008) A Reader in the Anthropology of Religion.
7. Eller JD. (2007). Introducing Anthropology of Religion. New York: Routledge.
8. Frick GD and Langer R. (2010). Transfer and Spaces. Harrassowitz (Germany).
9. Evans-Pritchard EE. (1937). Witchcraft, Oracles and Magic among the Azande, Oxford: Clarendon Press.
10. Frazer JG. (1978). The Illustrated Golden Bough, London: Macmillan.
11. Barbara M. (2011). Cultural Anthropology. New Jersey: Pearson Education.
12. Ember CR. (2011). Anthropology. New Delhi: Dorling Kinderslay.
13. Malinowski B. (1922) Argonauts of the Western Pacific. London: Routledge.
14. Polyani K. et al (1957), Trade and Market in the Early Empires. Chicago: Henry Regnery Company.
15. Balandier G. (1972). Political Anthropology. Middlesex: Penguin.

SEMESTER-VI

C-6.1 : FORENSIC ANTHROPOLOGY

Full Marks - 100

Mid Sem – 20/1 hr

End Sem Theory – 50/3 hrs

UNIT- I:

Introduction to Forensic Anthropology: Definition, Brief History, Scope, Applications and Integration of Forensic

Anthropology.

UNIT- II:

Basic Human Skeletal Biology, Identification of Human and Non-Human Skeletal Remains, Ancestry, age, sex and stature estimation from bones, Discovery and Techniques for recovering skeletonized Human Remains.

UNIT- III:

Personal Identification, Complete and Partial Identification, Methods of Identification in Living Persons: Somatometry, Somatoscopy, Occupational Marks, Scars, Bite Marks, Fingerprints, Nails, Handwriting, Deformities and Others.

UNIT- IV:

Serology: Identification and Individualization of bloodstain, urine, semen and saliva. Patterns of Bloodstains; Individualization

UNIT- V:

Forensic Odontology-Tooth Structure and Growth, Bite Marks, DNA Profiling.

PRACTICAL

End Sem Practical – 30/3 hrs

1. Study of Human Long Bones. Estimation of age, sex and stature from bones.
2. Somatometric and Somatoscopic Observation on living persons.
3. Identification of bloodstain, urine, semen and saliva.
4. Examination of Fingerprints and Handwriting.

Suggested Readings:

1. Bass W.M. (1971). Human Osteology: A Laboratory and Field manual of the Human Skeleton. Columbia: Special Publications Missouri Archaeological Society.
2. Black S. and Ferguson E. (2011). *Forensic Anthropology 2000 to 2010*. CRC Press, London.
3. Byers, S. N. (2008). *Forensic Anthropology*. Boston: Pearson Education LTD.
4. Gunn A. (2009) *Essential Forensic Biology* (2nd ed). Chichester: Wiley-Blackwell
5. Modi, R. B. J. P. (2013). *A Textbook of Medical Jurisprudence and Toxicology*. Elsevier.
6. Reddy V. R. (1985). Dental Anthropology, Inter-India Publication, New Delhi.
7. Spencer, C. (2004). Genetic Testimony: A Guide to Forensic DNA Profiling, Pearson, New Delhi.
8. Vats Y., Dhall J.K. and Kapoor A.K. (2011). Gender Variation in Morphological Patterns of Lip Prints among some North Indian Population. *J. Forensic Odontology*, 4: 11-15.
9. Wilkinson, C. (2004). *Forensic facial reconstruction*. Cambridge University Press.

C-6.2: ANTHROPOLOGY OF INDIA

Full Marks - 100

Mid Sem – 20/1 hr

End Sem Theory – 50/3 hrs

UNIT- I:

Origin, history and development of Anthropology in India, approaches to study Indian society and culture-traditional and contemporary Racial and linguistic elements in Indian population Understanding the diversity of Indian social structure - concept of Varna, Jati, Caste, Ashram or purusharatha, gender hierarchies - their economic and cultural impact.

UNIT- II:

Aspects of Indian Village –social Organisation, agriculture and impact of market economy on villages; Tribal situation in India- biogenetic variability, linguistic and socio-economic characteristics; Problems of tribal peoples, land-alienation, indebtedness, lack of educational facilities, shifting-cultivation, migration, forests and tribal unemployment, health and nutrition.

UNIT- III:

Developmental projects- tribal displacements and rehabilitation problem; Impact of culture-contact, urbanization and industrialization on tribal and rural Population, tribal movement and quest for identity.

UNIT- IV:

Basic concepts-Great tradition and little tradition, sacred complex, Universalization and parochialization, Sanskritization and Westernization, Dominant caste, Tribe-caste; continuum, Nature-Man-Spirit complex.

UNIT- V:

Problems of exploitation and deprivation of scheduled caste/ tribe and other Backward Classes. Constitutional Provisions for the Scheduled caste and scheduled tribes, Evaluation and Development of Indian Population;

PRACTICAL

End Sem Practical – 30/3 hrs

1. Identify various traits/variables which can be used in racial classification and comment on its relevance.
2. Review a book/edited volume on Indian social structure such as caste, religion, tribe or rural population and give its salient features.
3. Explore the biological diversity of any population group considering a minimum of five genetic traits.
4. Highlight the contributions of any two contemporary Indian anthropologists.

Suggested Readings :

1. Nicholas D. (2001). *Castes of Mind: Colonialism and the Making of Modern India*. Princeton University Press.
2. Bernard CS. (2000). *India: The Social Anthropology of Civilization*. Delhi: Oxford University Press.
3. Bhasin MK, Watter H and Danker-Hopfe H. (1994). *People of India – An Investigation of Biological variability in Ecological, Ethno-economic and Linguistic Groups*. Kamla Raj Enterprises, Delhi
4. Lopez DS. (1995). *Religions of India in Practice*. Princeton University Press
5. Gupta D. *Social Stratification*. Delhi: Oxford University Press.
6. Karve I. (1961). *Hindu Society: An Interpretation*. Poona : Deccan College
7. Guha BS. (1931). The racial attributes of people of India. In: *Census of India, 1931, vol I, Part III (BPO, Simla)*
8. Trautmann TR (2011). *India: Brief history of Civilization*. Oxford University Press : Delhi
9. Vidyarthi LP and Rai BK. (1976). *The tribal culture of India*. Concept Publishing Co, Delhi.
10. Haddon AC. (1929). *Races of man*. Cambridge University, London.
11. Kapoor A.K. (1992). *Genetic Diversity among Himalayan Human Populations*. M/S Vinod Publishers, Jammu
12. Majumdar DN. (1901). *Races and Culture of India*. Asia Publishing House, Bombay
13. Dube SC. (1992). *Indian Society*. National Book Trust, India : New Delhi.
14. Dumont L. (1980). *Homo Hierarchicus*. University of Chicago Press.
15. Guha B.S. (1931). The racial attributes of people of India. In : *Census of India, 1931, vol I, Part III (BPO, Simla)*
16. Malhotra K.C. (1978). *Morphological Composition of people of India*. J. Human Evolution.

DSE-6.3: TRIBAL CULTURES OF INDIA

Full Marks - 100

Mid Sem – 20/1 hr

End Sem Theory – 50/3 hrs

UNIT- I:

Concept of tribes and its problematic nature, General and specific characteristics of tribes, Classification and distribution of tribes based on their economy, occupation and religion,

UNIT-II :

Racial elements among the tribes, Scheduled and non-scheduled categories of tribes, Particularly Vulnerable Tribal Groups (PVTGs).

UNIT- III:

Tribe- caste continuum, Gender and Tribe, Distribution of tribes in India.

UNIT- IV:

Tribes: Nomenclature- emic and etic differences; Tribal movements, Problems of tribal development.

UNIT- V:

Forest policies and tribes, Migration and occupational shift, Tribal arts and aesthetics Displacement, rehabilitation and social change Globalization among Indian tribes.

PRACTICAL

End Sem Practical – 30/3 hrs

1. Distribution of Indian Tribes: PVTGs, ST
2. Location of different tribes on the map of India
3. Write an annotated bibliography on any one tribe
4. Write the social structure of any one tribe of India

Suggested Readings:

1. Behera, D.K and Georg Pfeffer. *Contemporary Society Tribal Studies*, Volume I to VII. New Delhi: Concept Publishing Company
2. Georg Pfeffer. *Hunters, Tribes and Peasant: Cultural Crisis and Comparison*. Bhubaneswar: Niswas
3. Vidarthy, L.P. and Rai. *Applied Anthropology in India*
4. Vidarthy, L.P. and B.N. Sahay. *Applied Anthropology and Development in India*. New Delhi: National Publishing House

DSE-6.4: PROJECT PAPER

Full Marks-100

End Sem Project – 100

Student will write dissertation on the basis of 20 days Field Work in the nearby locality on any branch of Anthropology in 6th Semester. She/ He will be supervised by one Teacher/ teachers.

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