

**TDC Semester Syllabus
ANTHROPOLOGY
(MAJOR)**

1st Year

	<u>Theory Paper</u>	<u>Marks</u>	<u>Practical Paper</u>	<u>Marks</u>
<u>Total Marks</u>				
1 st Semester	M 101	75	M 103	50
	M 102	75		
2 nd Semester	M 201	75	M 203	50
	M 202	75		

2nd Year

3 rd Semester	M 301	75	M 308	50
	M 302	75		
4 th Semester	M 401	75	M 403	50
	M 402	75		

3rd Year

5 th Semester	M 501	75	M 505	75
	M 502	75	M 506	75
	M 503	75		
	M 504	75		
6 th Semester	M 601	75	M 605	75
	M 602	75	M 606	75
	M 603	75		
	M 604	75		

Theory	1200	Practical	500
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Grand Total marks 1700

**TDC Semester Syllabus
ANTHROPOLOGY
(General)**

1st Year

<u>Total Marks</u>	<u>Theory Papers</u>	<u>Marks</u>	<u>Practical Papers</u>	<u>Marks</u>
1 st Semester	E 101	75	x	x
2 nd Semester	E 201	75	x	x

2nd year

3 rd Semester	E 301	50	E 302	50
4 th Semester	E 401	50	E 402	50

3rd Year

5 th Semester	E 501	100	E 502	100
6 th Semester	E 601	100	E 602	100

Theory	Total Marks	450	Practical	300
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Grand Total marks 750

Paper M 101
Full Marks : 75
(General Anthropology)

- Unit I : Definition, meaning, scope and subject matter of Anthropology.
- Unit II : The uniqueness of anthropology : Holism, Bio-cultural approach, Empiricism or field work, Comparative method & concept of cross-cultural comparison, Concept of culture, Relativism , Time-space dimensions in anthropology, traditional focus on preliterate societies.
- Unit III : Major branches of Anthropology, their scope, and interrelatedness
 (a) Social-cultural Anthropology, (b) Physical /Biological Anthropology,
 (c) Archaeological Anthropology. (d) Linguistic Anthropology
- Unit IV : Relation of Anthropology with other cognate sciences.
- Unit V : Relevance of anthropological knowledge in the contemporary world .

Recommended Readings :

Beals, R & Hoijer	<i>An Introduction to Anthropology</i>	
Eriksen, T.H	<i>What is anthropology ?</i>	Rawat.
Eriksen & Nielsen	<i>A History of Anthropology</i>	Rawat
Evans Pritchard E.E	<i>Social Anthropology</i>	Oxford
Haviland, Prins, Walrath & McBride	<i>Introduction to Anthropology Cultural Anthropology</i>	Cengage India Cengage India

Paper M 102
Full Marks -75
Physical Anthropology

Unit – I : Physical Anthropology – its scope history and development, modern trend. Physical Anthropology in relation to other branches of Anthropology and other cognate sciences.

Unit – II : A general study of the human skeleton.

Unit – III : Man's place in the animal kingdom.

General characters of mammal : its classification

General characters of primate : its classification

Living primates: distribution, salient features

Lemuroidea, Tarsioidae, Lorisiform, Platyrrhini, Catarrhini.

Living anthropoid apes: distribution, salient features

Gibbon, Gorilla, Orangutan, Chimpanzee

Distinguishing characteristics of man

Unit – IV : Relationship of man with anthropoid apes. Physical features of man and apes : a comparative study.

Unit – V : Definition of race. Concept of race – a historical review. Modern development, UNESCO statement on race

Unit – VI : Mechanism of race formation

Unit – VII : Study of racial criteria – Critical appraisal of each; Skin colour, hair, stature, head, nose, face, eye, ABO blood groups, palm and finger patterns.

Recommended Books:

- | | |
|---|--|
| 1. Das, B. M. | : Outline of Physical Anthropology |
| 2. Sarkar, S.S. | : Aboriginal Races of India |
| 3. Sarkar, R.M. | : Fundamentals of Physical Anthropology |
| 4. Comas, J. | : Manual of Physical Anthropology |
| 5. Montagu, A. | : An Introduction to Physical Anthropology |
| 6. Laskar, G.W. | : Physical Anthropology |
| 7. Hootan, E.A. | : Up From the Ape |
| 8. Jannush, J. Buettner | : Origins of Man |
| 9. ----- | : Physical Anthropology : Its Perspective |
| 10. Brace, C.L. | : Stages of Human Evolution |
| 11. UNESCO | : Race Question of Modern Science |
| 12. Coon, C.S. | : Anthropology from A to Z |
| 13. Victor, Nernou | : Physical Anthropology and Archaeology |
| 14. Sing, I.P. & Bhasin, M.K. | : Anthropometry |
| 15. Das, B. M. | : Manab Gosthi |
| 16. Das, B.M. & R. Das | : Manab Parajati Parichaya |
| 17. Das, B.M. & P.B. Das | : Prathamik Abayabik Nritattwa |
| 18. B.R.K. Shukla & Rastogi. | : Physical Anthropology & Human Genetics |
| 19. E.R. Ember, M. Ember & P.N. Peregrine | : Anthropology |

Paper M 103 (Practical)
Physical Anthropology
Full Marks 50

Part I : Physical Anthropology

Unit I : Drawing, description and identification of the following bones of human skeleton : Skull bones – frontal, parietal, occipital, maxilla, malar, mandible, sphenoid. Long bones – humerus, radius, ulna, femur, tibia, fibula. Others – scapula, clavicle, pelvis, sternum and vertebral colum.

Unit II : Measurement of human bones in osteometric board. (both left & right side)

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|-------------|-------------|
| (i) Humerus | (ii) Radius |
| (iii) Ulna | (iv) Femur |

Paper M 201
Prehistoric Anthropology ;
Full Marks 75

Unit I : An introduction to Prehistoric Archaeology : Meaning , definition , aims and scope of prehistoric archaeology : Prehistory, Ancient history and history .

Unit II : Relation between Prehistoric archaeology and other branches of anthropology and other cognate sciences .

Unit III : Methods of studying prehistoric archaeology : archaeological (typology), Geological / Stratigraphical, Paentological and Ethnographical methods.

Unit IV : Divisions of prehistoric period--- stone age and metal age; Lower Paleolithic, Middle Paleolithic, and Upper Paleolithic period (mention the characteristic features of each period in general)

Unit V : Prehistoric Lithic technology : Concept of Tool, Difference between man made tool and natural flaking, core tool and flake tool, primary flaking and secondary flaking.

Recommended books :

Oakley K. P.-----Man The Tool Maker
 Reddy V. Rami -----Elements of Prehistory
 Bhattacharyya D. K. ----- Prehistoric Archaeology
 Beals R. L. & H. Hoizer& A. R. Beals--- An Introduction To Anthropology
 Bordes F. -----The old Stone age
 Do -----The Tools of The old And New Stone age

Paper M 202
Social and Cultural Anthropology :
Full Marks : 75

Unit I : Social- Cultural Anthropology –definitions, aims. Subject matter, and scope.

Unit II : History and development of social –cultural anthropology .Concepts of ethnology and ethnography.

Unit III : Relationships with other disciplines : Sociology, Economics and Political Sciences, History, Folklore, Linguistics, Philosophy, Literature, media studies.

Unit IV : Various subfields of social anthropology with special reference to the following : Economic anthropology, Political anthropology, Cognitive anthropology, Linguistic Anthropology, Urban anthropology, Psychological anthropology, Symbolic anthropology, Anthropology of art, Applied Socio-Cultural Anthropology.

Unit V : Some Emerging fields : Visual Anthropology, Business/Corporate Anthropology, Medical Anthropology, Anthropology of communications, Legal Anthropology, Anthropology of Disaster Management

Unit VI : Concept of society Types of society – traditional and modern societies; tribal, peasant and urban-industrial societies.

Unit VII : Concept and characteristics of primitive or pre -literate society.

Unit VIII : Social units, social institutions, social structure, social organization; community; kinship ; Association, status and role,

Unit IX : Criteria of group formation: Age ,sex, territory, kinship,

Unit X : Basic concepts of ethnic group and ethnicity; Ethnocentrism.

Unit XI : Anthropological concept of culture; Characteristics of culture; Culture and Civilization

Unit XII : Aspects of culture: Material culture; non-material culture Enculturation; Civilization.

Unit XIII : Structure of culture : culture trait, culture complex, culture area, age area, culture focus, variation and diversity in culture.

Recommended Readings :

- Beals, R & Hoijer *An Introduction to Anthropology*
- Eriksen, T.H *What is anthropology ?* Rawat.
- Eriksen & Nielsen *A History of Anthropology* Rawat
- Evans Pritchard E.E *Social Anthropology* Oxford
- Haviland, Prins,
Walrath & McBride *Introduction to
Anthropology* Cengage India
Cultural Anthropology Cengage India
- Herskovits, M.J *Cultural Anthropology.*
- Herzfield *Anthropology* Rawat
- Keesing, F.M *Cultural Anthropology*
- Kottak, C.P *Cultural Anthropology.*
- Lucy Mair *An Introduction to Social Anthropology*
- Majumdar, D.N &
T.N Madan, *Introduction to Social Anthropology*
- Murdock, G.P *Social Structure*
- Piddington, Ralph *An Introduction to Social Anthropology Vol 1*
- Beatties, Jhon *Other Culture*
- Sarana, Gopala &
R.P Srivastava *Anthropology and Sociology* New Royal Book Co.
Scupin R&
- C.R.DeCorse *Anthropology: Global Perspective* PHI Learning Pvt Ltd.
New Delhi
Lucknow
- Srivastava ARN *Essentials of Cultural Anthropology.* Prentice Hall
India
- Vivelo, Frank *Cultural Anthropology
Handbook – A basic introduction*
- Further References :**
- Hoebel, A Man in the Primitive world
- Honigmann, J,J Handbook of Social and
Cultural Anthropology Rawat
- The World of Man
- Kluckhohn, C Mirror for Man
- Vidyardhi, LP &
Rai Tribal Cultures of India Concept Pub

Paper M 203 (Practical)
Physical Anthropology
Full Marks : 50

Unit I : Somatometric Measurement :

1. Head length
2. Head breadth
3. Head height
4. Least frontal breadth
5. Bizygomatic Breadth
6. Bigonial breadth
7. Total facial height
8. Upper facial height
9. Nasal height
10. Nasal breadth
11. Nasal depth
12. Horizontal Circumference of head
13. Ear length
14. Ear breadth
15. Stature
16. Sitting height
17. Height tragus
18. Height acromion
19. Height radiale
20. Height stylium
21. Height dactylion
22. Arm span
23. Bi-acromial diameter
24. Length of hand
25. Breadth of hand
26. Length of foot
27. Breadth of foot
28. Body weight
29. Girth of bicep
30. Girth of wrist
31. Girth of forearm

Unit II : Somatoscopy :

1. Skin colour; Hair on head : Colour, form, texture, quantity, whorl;
2. Beard and moustache : Quantity
3. Forehead : height, breadth, slope
4. Supra-orbital ridges : Prominence;
5. Eye : eye opening axis, fold, colour of iris;
6. Eye brows : quantity, nature;
7. Nose : root, bridge, septum;
8. Lips : size, eversion;
9. Cheeks : prominence;
10. Ear lobe : size nature of attachment;
11. Face : form, Prognathism;
12. Chin : form;
13. Middigital hair;
14. Body and limbs;
15. Musculature

Observation of five subjects

Indices

1. Cephalic
 2. Length height
 3. Breadth height
 4. Total facial
 5. Upper facial
 6. Nasal
 7. Relative sitting height
- Measurement on five subjects.

References :

1. Das, B.M. & Ranjan Deka : Physicals Anthropology Practical
2. Singh, I.P. & M.K.Basin : Anthropometry
3. Buetner, J. : Origin of Man

Paper M 301
Marks 75
Physical Anthropology

Unit I : Evolutionary changes in human skeleton with special reference to skull, dentition vertebral column, pelvic, femur and foot.

Unit II : Elementary genetics : Mendel's Laws of Inheritance . Biological basis of inheritance, Cell, Chromosome, Gene, Cell division.

Unit III : Elementary statistics : Frequency table, Arithmetic mean, Median, Mode, Methods of graphic representation of data.

Frequency polygon and histogram.

Unit IV : Racial classification of mankind – a historical review. Major racial groups of the world and their subdivisions : their principal physical characters, distribution.

Unit V : Critical appraisal of the racial classification by Risely, Eickstedt, Guha, Guifrida-Ruggeri, Haddon and Sarkar

Unit VI : Race and Racism : Race, Culture and Society, Race and Psychology.

Unit VII : Racial elements in Northeast India with special reference to Assam.

Recommended Books:

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|------------------------------|--|
| 1. Das, B. M. | : Outline of Physical Anthropology |
| 2. Sarkar, S.S. | : Aboriginal Races of India |
| 3. Sarkar, R.M. | : Fundamental of Physical Anthropology |
| 4. Comas, J. | : Manual of Physical Anthropology |
| 5. Montagu, A. | : An Introduction to Physical Anthropology |
| 6. Laskar, G.W. | : Physical Anthropology |
| 7. Hootan, E.A. | : Up From the Ape |
| 8. Jannush, J. Buettner | : Origins of Man |
| 9. ----- | : Physical Anthropology : Its Perspective |
| 10. Brace, C.L. | : Stages of Human Evolution |
| 11. UNESCO | : Race Question of Modern Science |
| 12. Coon, C.S. | : Anthropology from A to Z |
| 13. Victor, Nernou | : Physical Anthropology and Archaeology |
| 14. Sing, I.P.& Bhasin, M.K. | : Anthropometry |
| 15. Das, B. M. | : Manab Gosthi |
| 16. Das, B.M. & R. Das | : Manab Parajati Parichaya |
| 17. Das, B.M. & P.B. Das | : Prathamik Abayabik Nritattwa |
| 18. Das, P.B. | : Jibasma Manab |
| 19. Hammond, Peter B. | : Physical Anthropology and Archaeology |

Paper M 302
Social Anthropology
Marks : 75

Unit I : Marriage

Marriage :definition and characteristics, modes of mate selection: Rules of marriage- incest prohibition, exogamy and endogamy, preferential,(cousin marriages) prescriptive,(hypergamy) prohibitive (hypogamy) and open systems. Types and forms of marriage (monogamy ,polygyny, polyandry and group marriage);Secondary marriages (Levirate, sorrorate, wife inheritance); Marriage related practices : Dowry, bride-price, divorce.

Unit II : Family :

Definitions and characteristics of family. Types of family groups:(basic concepts): (a) Simple family groups : Family of orientation and family of procreation.(b) Compound or complex family groups (family groups based on polygamous marriages); (c) Family groups based on common descent (extended family, joint family) (d) Residence after marriage : neolocal , patrilocal ,matrilocal, virilocal ,uxorilocal, avancolocal,natalocal,bilocal. Concept of family cycle.

Functions of family; Concept of household and domestic groups. Changes in family.

Unit III : Kinship and kin based groups :

Concept and definition of kin and kinship.. *Descent*; types of descent : Unilineal, bilateral, parallel and double descent. Kinship terms (descriptive and classificatory), degree and usages: Avoidance and joking relationships,

Unilateral extended Kin-based groups and their functions - lineage, clan, phratry and moiety.

Unit IV : Property

Concept and types of property in simple societies: movable, immovable, material and non-material, communal and private property. Inheritance of property.

Unit V Social control, political organization and law

Types of political organizations- band, tribe, chiefdom, state, concept of power, and authority. Mechanisms of social control with reference to social sanctions, law and justice in simple societies.

Concepts of succession to hereditary offices in patrilineal and matrilineal societies.

Recommended Readings :

- Ali, A.N.M. Irshad
and B. K. Medhi Samajik Nrittwatwa Sambhed (Assamese)
- Beals,R & Hoijer An Introduction to Anthropology 3rd Edition
- Beattie,J Other Cultures
Haviland, Prins,
- Walrath & McBride Introduction to Anthropology Cengage India Edition
- Haviland, Prins,
Walrath &
McBride Introduction to Cultural Anthropology Cengage India Edition
- Honigmann, J,J Handbook of Social and Cultural Anthropology Vol 1&2 Rawat
- Pocock Understanding Social Anthropology Rawat
- Lowie, R.H Social Organization
Lowie, R.H Primitive Society
Lucy Mair An Introduction to Social Anthropology Oxford India Press
- Majumdar, D.N & T.N Madan, Scupin R& C.R.DeCorse Introduction to Social Anthropology Anthropology: Global Perspective PHI Learning Pvt Ltd. New Delhi
- Srivastava ARN Essentials of Cultural Anthropology. Prentice Hall India
- Vidyarthi, LP & .Rai Tribal Cultures of India Concept Pub
- Vivelo, Frank Cultural Anthropology Handbook – A basic introduction McGraw Hills
- Beatties, Jhon Other Culture

Further References :

- Beals, Hoijer& Beals An Introduction to Anthropology 5th Edition Collier Macmillan
- Goode, W.J The Family
- Hoebel, A Man in the Primitive world
Kluckhohn,C Mirror for Man
- Majumdar,D.N Races and Cultures of India
Murdock, G.P Social Structure
Piddington, Ralph An Introduction to Social Anthropology Vol 1

Paper M 303(Practical)
Prehistoric Anthropology
Marks 50

Prehistoric Technology - Basic Concepts.

Unit 1 : Students are to be taught about the basic differences between

- (i) Man made tool and natural stone
- (ii) Core tool and flake tool

Unit II : Students have to draw at least three core tools and three flake tools. They are to be taught to identify the different parts of a man-made tool, such as
(a) primary flaking, (b) secondary flaking, (c) retouching, (d) working edge,
(e) butt end, (f) striking platform, (g) deep flaking, (h) shallow flaking, (i) bulb of percussion (j) bulbar scar etc.

Students have to maintain the record in a practical note book.

Paper M 401
Prehistoric Anthropology
Marks 75

Unit I : Tool Typology of Palaeolithic Period. : Tool, Tool types, Tool families, Tool typology (tools of lower, middle and upper palaeolithic period: chopper – chopping/ pebble tool, hand axe, cleaver, points, scraper, borer or awl, different blade tools, burin or graver etc.)

Unit II : Pleistocene Lithic technology: Different types of techniques of manufacture of stone tools of Lower, middle and Upper palaeolithic period (stone hammer, block on block /anvil, cylinder hammer, clactonian, Levalloisean, blade and burin and pressure flaking technique)

Unit III : Bone tool Industry of Upper palaeolithic Period.

Unit IV : Lithic technology of Holocene period : Tools and Techniques of Mesolithic and Neolithic Period .

Unit V : Methods of Archaeological classification : Artifacts, Industry, Assemblages, artifact classification

Recommended books :

Reddy V. Rami -----Elements of Prehistory

Bhattacharyya D. K. ----- Prehistoric Archaeology

Do-----The stone age Tools

Oakley K. P.-----Man the Tool Maker

Bordes F. -----The old Stone age

Do -----The Tools of The old And New Stone age

Fagan Brian M-----People of The Earth; An Introduction to World Prehistory

Paper M 402
Social Anthropology
(Culture, Language & Arts)
Marks : 75

Unit I : Theoretical Perspectives on Culture: A Brief historical outline

A brief outline of the history of theoretical schools of cultural anthropology (with reference to main features and major scholars only) :

- i. Classical Evolution (E. B.Tylor, H. spencer, Morgan.
- ii. Cultural Diffusion : American (Boas,Kroeber) German, pan –Egyptian),
- iii. Functional (B. Malinowski)
- iv. Structural- Functional (A.R Radcliffe- Brown)
- v. Culture and Personality (Ruth Benedict, Margaret Mead, Linton)
- vi. Neo-evolution (V.Gordon Childe, Leslie White and Julian Steward).

Unit II. : Culture & Economy

- i. Relationship between environment, habitat and culture.
- ii. Subsistence economy.
- iii. different types of economic org: foraging :collecting, hunting, fishing), pastoral, horticultural,(shifting cultivation, terrace cultivation), agricultural, and industrial.
- iv. Exchange (reciprocal, redistributive and market .
- v. Medium of exchange and money in simple society. Potlatch.

Unit III :Socio-cultural dynamics :

- i. Concept of social and cultural Change.
- ii. Forces and factors of culture change: evolution, innovation (invention/discovery) diffusion, acculturation, assimilation, globalization, localization , modernity, post modernity.

Unit IV : Language and Arts.

Basic concepts of human communication; language : written and unwritten
 Speech, language and dialect; Phonetics and phoneme; Morpheme and Syntax; Art and society; style and representation; Plastic and graphic art, literature(oral and written).Performing arts (Music, dance and drama).

Recommended Readings

- Beals,R & Hoijer *An Introduction to Anthropology*
- Eriksen *A History of Anthropology* Rawat Publishing.
- Haviland, Prins,
Walrath & McBride *Introduction to
Anthropology* Cengage India
- Herskovits, M.J *Cultural Anthropology.*
- Herzfield *Anthropology* Rawat Publishing
- Keesing, F.M *Cultural Anthropology*
- Kottak, C.P *Cultural Anthropology.*
- Lucy Mair *An Introduction to Social Anthropology*
- Majumdar, D.N
& T.N Madan,
Scupin R&
C.R.DeCorse *Introduction to Social Anthropology*
- Anthropology: Global Perspective* PHI Learning
 PvtLtd. New Delhi
- Srivastava ARN *Essentials of Cultural Anthropology.* Prentice Hall
- Vidyarthi, LP &
Rai *Tribal Cultures of India* Concept
- Vivelo, Frank *Cultural Anthropology
Handbook – A basic introduction*

Further readings :

- Kuper Adam, : *Anthropologists and Anthropology: The
British School: 1922-72*
- Lowie, R.H. : *The History of Ethnological Theory.*

Paper M 403(Practical)
Prehistoric Anthropology
Marks : 50

Students are to draw and describe the following tools ;

Lower Paleolithic -----at least 5 nos.

Middle Paleolithic ---- at least 5 nos.

Upper Palaeolithic :

Stone tools ----- at least 5 nos.

Bone tools ----- at least 5 nos.

Mesolithic --- ----5 nos.

They have to maintain a laboratory note book.

Paper M 501
Physical Anthropology
(Human Evolution)
Marks 75

Unit I : Theories of life, Eternity, creationism, catastrophism, organic evolution. Organic evolution : antecedents, Lamarckism, Neo-Lamarckism, Darwinism, Neo-Darwinism, Synthetic theory.

Unit II : Origin and evolution of primate : Evolution with special reference to skull, dentition and Limbs. The study of the following fossil forms to understand primate evolution – Adapidae, Anatomosphidae, Parapithecus, Propiipithecus, Linnipithecus, Proconsul, Dropithecus and Ramapithecus.

Unit III : Origin and evolution of man. The study of the following fossil remains to understand the evolutionary stages of man-Austrapithecinae, Paranthropus, Homo Habilis. Homo Erectus. : Pithecanthropus; Sinanthropus. Homo Neanderthalensis : Progressive and Conservative Neanderthal. Homo Sapiens : Cro-Magnon, Grimaldi and Chancelade.

Unit IV : General study of the following fossil forms : Solo Man, Heiderberg Man, Wadjak Man,

Unit V : Mesolithic people : Mugem Man, Teviec Man, Ofnet Man.

Unit VI : Ecological adaptation of Man.

Recommended Books:

- | | |
|-------------------------|--|
| 1. Das, B. M. | : Outline of Physical Anthropology |
| 2. Sarkar, S.S. | : Aboriginal Races of India |
| 3. Sarkar, R.M. | : Fundamentals of Physical Anthropology |
| 4. Comas, J. | : Manual of Physical Anthropology |
| 5. Montagu, A. | : An Introduction to Physical Anthropology |
| 6. Laskar, G.W. | : Physical Anthropology |
| 7. Hootan, E.A. | : Up From the Ape |
| 8. Jannush, J. Buettner | : Origins of Man |
| 9. ----- | : Physical Anthropology : Its Perspective |
| 10. Brace, C.L. | : Stages of Human Evolution |

Paper M 502
Prehistoric Anthropology
Marks :75

1st half: Methods and Principle Marks: 30

Unit 1: Chronology and Dating Methods: Concept of Relative and Absolute dating, Relative chronology; stratigraphy, typology, patination, seriation, palynology Palaeontology fluorine analysis .
 Absolute chronology ; radio – carbon, Potassium-argon, Thermo luminescence, Dendrochronology

Unit II : Palaeoecology : Concept of palaeoecology; Geological Ages of the Earth; Plio-pleistocene boundary, Villafranchian and callabrian fauna, Pleistocene period and its sub divisions; Pleistocene environment -- the great Ice Age (glacial and inter-glacial: pluvial and inter-pluvial)

Unit III : Post –pleistocene climatic changes and its impact on prehistoric lifeways in Northern and Western Europe.

2nd Half : Hominid Cultural Development in Europe and Africa Marks : 45

Unit 1: Palaeolithic Cultural development in in East Africa : Oldowan.

Unit II: Lower Palaeolithic Cultural development in Europe.(Abbeville and Acheulean)

Unit III : Middle palaeolithic Cultural development in Europe. (Mousterian culture)

Unit IV : Upper Palaeolithic Cultural development in Europe. (Aurignacian, Solutrean and Magdalenian culture)

Unit V : Upper palaeolithic Art in Europe ; cave art and home art

Unit VI : Mesolithic Cultural development in Northern and Western Europe (Azilian Tardenoisean, Maglemoisean, Campignian, Kitchen midden etc.); Natufian culture in Middle East.

Recommended Books:

Agarwal D. P. & M. G. Yadava -----Dating The Human Past
 Butzer Karl-----Environment and Archaeology
 Reddy V. Rami-----
 Chard Chester-----Man In Prehistory
 Bhattacharyya D. K.----The Emergence of Culture in Europe
 Thomas Michael F.----Tropical Geomorphology
 Ramans K. V.-----Methods And Principle In Archaeology
 Clark,Graham-----World Prehistory

Paper M 503

Marks : 75

Social Anthropology

(Indian Anthropology and Anthropology of Religion)

Unit I : Religion

- i. Religion as part of culture
- ii. Concepts and definitions of religion (E.B.Tylor, James Frazer , Emile Durkheim, Radcliffe-Brown, Malinowski).
- iii. Classification of religion by Anthony Wallace.
- iv. Concept of magic: (Frazer, Malinowski) ;Types and Principles of magic. Distinctions between magic and religion. Magic and Science
- v. Role of religion and magic in human societies.

Unit II : Supernaturalism : Basic concepts :

- i. Concept and types of supernatural power. benevolent ,malevolent and neutral supernatural forces.
- ii. Basic concepts of the following : Personified and impersonal supernatural beings and forces; animism, animatism, mana, ancestor worship, totemism , fetish, taboo, spell, divination, Witchcraft and sorcery
- iii. Myth and rituals . Life-cycle rituals or Rites de passage of Van Gannop.
- vi Full time and part time religious practitioners : Priests, shamans, medicine man, mediumistic man.
- vii. Concept of disease in preliterate societies. Ethnomedicine.

Unit III : Indian Society : Tribes, castes and peasants in India

- i. The unity and diversity of Indian culture and society..
- ii. The basic nature of traditional Indian social system : Varnasharam, Purushartha, Karma, Rina and Rebirth..
Indian social system: Varnashram, Purushartha, Joint family.
- iii. Tribal, peasant and urban dimensions of Indian society. Characteristics of tribes in Indian context
- iv. Caste systems in India---Origin, fundamental features & recent changes Jajmani system
Concept of Scheduled tribes and Scheduled castes in India

Recommended References :**Unit I & II Religion****Recommended Readings :**

- Hazarika, Kakati, R, Dharma Tatwa (in Assamese)
- Keessing and Keessing : *New Perspective in Cultural Anthropology.*
- Lowie R.H. : *Primitive religion.*
- Malefitz, Annemarie de. *Religion and Culture*
- Norbeck, E. : *Primitive Religion.*
- Piddington, R. : *Introduction to Social Anthropology.*
- Vidyarthi, LP &
Rai : *Tribal Cultures of India* Concept Pub
- Jha, M : *Social Anthropology*
- Upadhaya : *Anthropological Thought & Theory*

Further Reference :

- Barua, B.K Asaomor Loka Sanskriti (Assamese)
- Frazer, James G *The Golden Bough*
(Abridged Edition)
- Karsten, R. : *Origins of Religion*

Unit III Indian Society : Tribes, castes and peasants in India

- Betaille A *Essays in Comparative Sociology*
- Dube SC *Indian Society* NBT, N.Delhi
- Kar, PK *Indian Society* Kalyani Publishers.
- Singh Y *Cultural Change in India*
Modernization of Indian Tradition

Further Reference :

- Wold. Eric. : *Peasants.*
- Mandelbaum, D.G. *Society in India, 1, 2 (comb.)*

Paper M 504
Social Anthropology
(Field Methodology, Tribes of North East India)

Marks : 75

Unit I : Field -Methodology

- i. Brief history of field work tradition in anthropology.
- ii. Methods and techniques of data collection: Interview, participant and other forms of observation, case-study methods, extended case study methods, life histories, oral history, genealogical method,
Participatory learning and assessment (PLA), Rapid Rural Appraisal (RRA)
- iii. Use of survey schedule, questionnaire, and interview guide, audio-visual aids in field work.
- iv. Selection of Informants and key informants.
- v. Primary and secondary data, their uses, analysis and comparison.

Unit II : Tribal communities of NE India :

- i. Names and distribution of important tribal communities of the States of North east India :
Arunachal Pradesh, Assam, Meghalaya, Manipur ,Mizoram , Nagaland, Tripura and Sikkim.,
- ii. Brief ethnographic studies of any four the following tribes (a) Karbi
(b) Khasi (c) Apatani (d) Ao Naga (e) Dimasa (f) Purum

Recommended Readings and external links :

Field Methodology

Haviland, Prins, Walrath & McBride	Introduction to Anthropology	Cengage India Edition
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Haviland, Prins, Walrath & McBride	Cultural Anthropology	Cengage India Edition
Herskovits, M.J	Cultural Anthropology	

Russel, Bernard,H	<i>Research Methods in Anthropology.</i>	Rawat
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Tribal Ethnography

- Ali A.N.M. Irshad
and Indranoshee Das *Tribal Situation in North East India*
in Human Ecology 2003 (Kamla-Raj)
- Bhagabati, A.C. 1992. “Social formation in North East
India.” *Bulletin of the Department of Anthropology*,
VI: 9-29. Gauhati University.
- Chatterji, Suniti Kumar. 1974. *Kirata-jana-Kriti*. Calcutta:
Asiatic Society of **Bengal**.
- Bordoloi B.N et al *Tribes of Assam Vols 1,2 & 3* TRI, Assam
- Das, T.C , *Tribal Life of North East India*
- Gan-Chaudhuri, Jagadis. *Tripura: The Land and its People*. (Delhi: Leeladevi Publications, 1980)
- Heimendorf H furer von *Apatanis and Their Neighbours*
- Heimendorf H furer von *A Himalayan Tribe From Cattle to Cash*
- Herskovits, M.J *Cultural Anthropology* ,
- Majumdar, D.N. 1979. “North East India: A Profile”,
pp23-62. In: T.C.Sharma and D.N.Majumdar (Eds.):
Eastern Himalayas. New Delhi: Cosmo Publications
- Majumdar, D.N *Races and Cultures of India*
- Medhi, B.K et al *Tribes of North East India*
(Selected papers) Omsons
- Mills, J. P. (1926). *The Ao Nagas*. London, Macmillan and Co.
- Piddington, Ralph *An Introduction to Social Anthropology Vol 2*
- Sen, S *Tribes and castes of Assam* Gyan
- Smith, William C. (2002). *The Ao-Naga tribe of Assam*. New Delhi: Mittal.
- Vidyarthi, LP &
Rai *Tribal Cultures of India* Concept Publishing
Waddle *Tribes of the Brahmaputra Valley*

Paper M 505 (Practical)
Physical Anthropology
Marks 75

Part I : Physical Anthropology

Unit I : Comparative anatomy

Drawing, description and identification of skulls of

- (i) Gorilla (ii) Chimpanzee (iii) Orangutan (iv) Gibbon

Unit II : Fossil Man

- (i) Pithecanthropus (ii) Heidelberg jaw (iii) Neanderthal and (iv) Cromagnan

Unit III : Dermatoglyphics

Techniques of taking finger and palm prints. Identification of finger ball patterns and palmar main line formula.

Prints of ten subjects to be collected and analyzed.

Unit IV : Physiological anthropology

- (i) Blood pressure (ii) Pulse rate

10 subjects to be considered and recorded

Paper M 506 (Practical)
Prehistory & Social Anthropology
Marks 75

Part I Prehistory :

Marks : 40

Unit I : Tools – Marks : 20

Students have to draw and describe the following tools.

Neolithic -- 10 nos.

Unit II : Pottery – Marks : 20

Ceramic Technology: Basic Concept, difference between hand made and wheel made pottery, Identification

Student have to draw 1 (one) hand made, 1 (One) wheel made 1 (One) partly hand made – partly wheel made full pot and 2 (two) potsherds.

Students have to maintain a practical note book.

Part II : Museum Method and & Project On Field Methods Total Marks 35

Unit I : Museum Method : Marks : 15

Definition of museum. Functions of museum .Role of museums in Anthropology.
 Arrangements of museum specimens in Ethnographic Museums : Ethno-history and Geo-Ethnic .
 Cleaning ,and Treatment and preservation of (a) bamboo and wooden objects (b) textile .Visit to a local museum and a report on it.

Students are required to keep records of their works in laboratory note books.

Unit II : Project work on application of field methods : Marks 20

The student will collect data from their families, relatives or neighbours applying any one/combinations of the following standard field methods : Observation. Interview method, Genealogical method, the concerned teacher will suggest topics of anthropological interest. Students are required to submit a project report.

Paper M 601
Physical Anthropology
(Human Genetics)
Marks : 75

Unit I : Human genetics : its scope, historical background, Anthropologists' interest in it.

Unit II : Methods of studying human heredity : twin method, pedigree method

Unit III : Mendelian principles of heredity, single factor inheritance : autosomal dominant and autosomal recessive, sex-linked, sex-limited and sex-controlled traits.

Unit IV : Population genetics, Hardy-weinberg Law and its importance in population genetics.

Unit V : Ma, heredity and environment. Influence of heredity and environment on man with special reference to stature, weight, skin colour, head form, ABO Blood groups and finger patterns.

Unit VI : Mechanism of Human variation ; mutation, selection, gene flow and genetic drift.

Unit VII : Concept of growth and development. Stages of Human growth, methods of studying growth.

Recommended Books:

- | | |
|---------------------------------|--|
| 1. Das, B. M. | : Outline of Physical Anthropology |
| 2. Sarkar, S.S. | : Aboriginal Races of India |
| 3. Sarkar, R.M. | : Fundamentals of Physical Anthropology |
| 4. Comas, J. | : Manual of Physical Anthropology |
| 5. Montagu, A. | : An Introduction to Physical Anthropology |
| 6. Laskar, G.W. | : Physical Anthropology |
| 7. Hootan, E.A. | : Up From the Ape |
| 8. Jannush, J. Buettner | : Origins of Man |
| 9. ----- | : Physical Anthropology : Its Perspective |
| 10. Brace, C.L. | : Stages of Human Evolution |
| 11. UNESCO | : Race Question of Modern Science |
| 12. Coon, C.S. | : Anthropology from A to Z |
| 13. Victor, Nernou | : Physical Anthropology and Archaeology |
| 14. Sing, I.P.& Bhasin, M.K. | : Anthropometry |
| 15. Das, B. M. | : Manab Gosthi |
| 16. Das, B.M. & R. Das | : Manab Parajati Parichaya |
| 17. Das, B.M. & P.B. Das | : Prathamik Abayabik Nritattwa |
| 18. Das, P.B. | : Jibasma Manab |
| 19. Curt Stern | : Principles of Human Genetics |
| 20. Winchester, M.A. | : Genetics |
| 21. Rothwell, N.V. | : Human Genetics |
| 22. Mange, E.J. & Mange, Arthur | : Basic Human Genetics. |

Paper M 602
Prehistoric Anthropology
Marks: 75

1st Half: Methods and Principle; Marks: 30

Unit I: Origin and Development of Prehistoric Archaeology; scientific Basis of Prehistoric Archaeology; Ethno archaeology; New archaeology.

Unit II : Field Archaeology (methods of data recovery) – methods and techniques in archaeological exploration.

Unit III : Methods of Reconstruction of Prehistoric lifeways.

2nd half ; Hominid Cultural development in India. Marks: 45

Unit I : Lower Palaeolithic Cultural development in India (Sohanian and Madrasian culture)

Unit II : Middle Palaeolithic Cultural development in India (Nevasian culture)

Unit III : Upper Palaeolithic Cultural Development in India.

Unit IV : Mesolithic cultural development in India.

Unit V : Neolithic Cultural Development ; concept of Neolithic Revolution ; Domestication of plants and animals; settled life; Neolithic industry; - stone tool industry, ceramic industry; Neolithic economic pattern. Neolithic cultural pattern in India. Studies on prehistoric and early historic sites (Daojali Hading and Ambari)

Unit VI : Copper- bronze age culture in India -, a detailed study of Harappan civilization.

Unit VII : Megalithic culture in Northeast India – Meaning, Types and description.

Recommended books

Brian M. Fagan-----In The Beginning----An Introduction to Archaeology (6th edition)

Brothwell D. & E. Higgs-----Science in Archaeology

Child Gordon -----Man Makes Himself

Cole Sonia-----The Neolithic Revolution

Do -----What Happened In History

Daniel Glyn-----The Origin and Growth of Archaeology

Jain k. C.-----Prehistory and protohistory of india

Hole F. and R. F. Heizer-----An Introduction to Prehistoric Archaeology

Thomas D. Hurst-----Predicting The Past

Sankalia, H. D.-----Prehistory and Protohistory of India and pakistan

Habib Irfan-----Prehistory

Wheeler Mortimer-----Earley India and Pakistan

H.N. Dutta (edited)----- Ambari Archaeological Excavation and Interim Report
 2006, Directorate of Archaeology, Govt. of Assam.

Paper M 604
Applied Anthropology
Marks 75

Applied Social Anthropology : Marks 40

- i. . Meaning and scope of Applied Anthropology. Concepts of Action and Development Anthropology.
- ii. Applications of social anthropology in planning, administration, development, welfare of scheduled castes and scheduled tribes.
- iii. Social problems in India : Population problem, unemployment, poverty, casteism and regionalism.

Applied Physical Anthropology : Marks : 35

Unit I : Aims and scope of Applied Physical Anthropology

Unit II : Application of Physical Anthropology in Industry

Unit III : Physical Anthropology and paternity diagnosis

Unit IV : Forensic Anthropology

Unit V : Physical Anthropology and race relation

Unit VI : Eugenics

Recommended Books :

Bhowmick, P.K. 1990 : *Applied Action Development Anthropology*. Inst. of Soc. Res. And Applied Anthropology. Calcutta.

Pool, Medical Anthropology TMH

Narayanan,S *Anthropology of Disaster Management* Gyan

Sachchidanandan. 1992 : *Tribal India : Past and Present*. Inst. of Soc. Res. And Applied Anthropology. Calcutta.

Scupin R& C.R.DeCorse Anthropology: Global Perspective PHI Learning Pvt Ltd. New Delhi

Sharma, A.N (ed) *Anthropology in Human Welfare* (Relevant Chapters

Vidyarthi, L.P. 2002 : *Applied Anthropology in India*. Kitab Mahal. New Delhi.

Das, B. M.	: Outline of Physical Anthropology
Sarkar, S.S.	: Aboriginal Races of India
Sarkar, R.M.	: Fundamentals of Physical Anthropology
Comas, J.	: Manual of Physical Anthropology
Montagu, A.	: An Introduction to Physical Anthropology
Laskar, G.W.	: Physical Anthropology
Hootan, E.A.	: Up From the Ape
Jannush, J. Buettner	: Origins of Man
-----	: Physical Anthropology : Its Perspective

Paper M 605(Practical)
Physical Anthropology
Marks : 75

Unit I : Craniometry : Measurements

Linear Measurements :

- | | |
|-------------------------------|------------------------------|
| 1. Maximum Cranial length | 2. Maximum cranial breadth |
| 3. Glabella Inion length | 4. Nasion-inion length |
| 5. Greatest Occipital breadth | 6. Bi-mastoid diameter |
| 7. Bi-auricular breadth | 8. Greatest frontal breadth |
| 9. Least frontal breadth | 10. Bizygomatic breadth |
| 11. Bimaxillary breadth | 12. Outer bi-orbital breadth |
| 13. Inner bi-orbital breadth | 14. Nasion basion line |
| 15. Prosthion basion line | 16. Nasal height |
| 17. Nasal breadth | 18. Upper facial height |
| 19. Orbital breadth | 20. Orbital height |
| 21. Length of foramen magnum | 22. Breadth foramen magnum |
| 23. Palatal length | 24. Palatal breadth |
| 25. frontal chord | 26. Parietal chord |
| 27. Occipital chord | 28. Saggital cranial arc |
| 29. Transverse cranial arc | 30. Horizontal circumference |
| 31. Frontal arc | 32. Parietal arc. |
| 33. Occipital arc | 34. Basillo bragmatic height |
| 35. Auriculo bragmatic height | 36. Bi-condyler breadth |
| 37. Biogonial breadth | 38. Height of ramus |
| 39. Minimum breadth | 40. Manibular length |

Angles :

- | | |
|-------------------------------------|---------------------------|
| 1. Metopic angle | 2. Facial profile angle |
| 3. Nasal profile angle | 4. Alveolar profile angle |
| 5. Profile angle of the nasal roof. | |

Unit II : Determine the ABO blood group and Rh factor of five subjects by open slide method. Theoretical knowledge of the proceedings of test tube method.

Recommended books for practical :

1. Das, B.M. and Ranjan Deka : Physical Anthropology Practical
2. Singh, I.P. and M.K. Bhasin : Anthropometry.
3. Mukherjee, D, P.P.Mukherjee : Laboratory manuscripts for Physical Anthropology
And P. Bharati

Paper M 606(Practical)
Social Anthropology
(Technology and Field work)
Total Marks : 75

A. TECHNOLOGY

Marks : 15

1. Study of implements illustrative of material culture and subsistence economy of the tribal and non-tribal people of North East India with special reference to the following :

1. Hunting implements (minimum 3)
2. Fishing implements (minimum 3)
3. Horticultural and agricultural implements (minimum 4)
4. Storing and/or carrying baskets : (minimum 2)

Students shall make (A) proportionate drawing of the specimens with each component properly labeled and detailing the function of each component (B) Mention (i) the local name and its English equivalent (ii) ethnic or cultural affiliation (iii) Raw materials used (iv) Maker / manipulator (v) Manipulation /Mode of use (vi) Ecological significance

Students are required to keep records of their works in laboratory note books.

B FIELD WORK

Marks : 60

The fieldwork should be carried out under the supervision of teacher (s) in any rural (tribe or caste) area on a specific community at least for 15 days.

The teachers should accompany the students to the field to give guidance and to supervise the work of the students. Students have to submit a field report for evaluation. The field report should include :

1. Notional map of the village studied.
2. Map of the District showing the location of the village/field.
3. Map of the State showing the District and the place of fieldwork.
4. Analysis of preliminary census data collected from all the households of the village.
5. Field Methods and techniques applied in collection of data.
6. general description of the village
7. a brief note on the community studied.
8. analysis and presentation of data.
9. Necessary drawings, graphs, photographs relevant for the data presented.

10. References/Bibliography

11. Each student shall collect data on any of the following topics : (i) family, (ii) marriage, (iii) kinship, (iv) economic life, (v) religious life, (vi) village organization, (vii) dresses and ornaments, (viii) arts and crafts, (ix) festivals (x) food habits. The teachers may suggest any other topic relevant to the subjects. The students will make two typed copies : one for submission and one personal copy.

Recommended Books on Field Methodology :

Haviland, Prins, Walrath & McBride	Introduction to Anthropology	Cengage India Edition
Haviland, Prins, Walrath & McBride	Cultural Anthropology	Cengage India Edition
Herskovits, M.J	Cultural Anthropology	

Royal Anthropological

Institute of Great Britain *Notes and Queries in Anthropology.*

Basu, M.N *Field Methods in Anthropology and other Social Sciences*

Russel, Bernard, H *Research Methods in Anthropology.* Rawat

Paper E 101

(Foundations of General and Social & Cultural Anthropology)

Marks : 75

Unit : I Anthropology : An Introduction

- i. Definition, meaning, scope and subject matter of Anthropology.
- ii. The uniqueness of anthropology : Holism, field work tradition, Comparative method
Concept of culture, Relativism , traditional focus on preliterate societies.
- iii. Major branches of Anthropology, their scope, and interrelatedness :
 - (1) Social-cultural Anthropology,(2)Physical /Biological Anthropology,
 - (3) Archaeological Anthropology. (4) Linguistic Anthropology
- iv. Relationship with other disciplines: Life Sciences, Earth Sciences, Medical Sciences,
Social Sciences (sociology, economics, political Science) Humanities(history, philosophy),
Environment Sciences

Unit II : Introduction to Social and Cultural Anthropology :

- i. Social- Cultural Anthropology –definitions, aims. Subject matter, and scope. Concepts of
ethnology and ethnography. Relevance of Anthropology and Applied Socio-Cultural
Anthropology.

Unit III : Basic concept :-Culture

- i. Anthropological concept and characteristics of culture.
- ii. Aspects of culture: Material culture; non-material aspects of culture. Enculturation;
Civilization iv) Structure of culture : culture trait, culture complex, culture area, age area,
Culture focus, variation and diversity of culture.

Unit IV : Basic concept :-Society

- i. Characteristics of human society ; Concept and characteristics of preliterate /simple/ pre-
modern of societies.
- ii. Basic concepts : Community, social group, Social Institutions(Family, Marriage,
Kinship, Religion, law) ,status and role, Enculturation. Social sanction and control
- iii. Criteria of group formation: Age ,sex, territory, kinship, locality, religion , ethnicity
and ethnocentrism.

Unit V : Research Methods in field work : Methods, Tools and Techniques

Recommended Readings :

- | | | |
|---------------------------------------|---|---------------|
| Beals,R & Hoijer
Eriksen, T.H | <i>An Introduction to Anthropology</i>
<i>What is anthropology ?</i> | Rawat. |
| Haviland, Prins,
Walrath & McBride | <i>Introduction to Cultural Anthropology</i> | Cengage India |

Paper E 201
Physical Anthropology & Prehistoric Anthropology
Marks : 75

First Half : Physical Anthropology : Marks : 40

Unit – I

Introduction to Physical Anthropology
 -definition and its scope.

Unit – II

A general study of human skeleton.

Unit - III

Position of man in the animal kingdom. General characters of mammal – its classification.

General characters of primate – its classification

Unit –IV

Living primates – distribution, significant characteristics – Lemuroidea, Tarsioidea, Lorisioidea, platyrrhini, catarrhini Living anthropoids – distribution, significant characteristics – Gibbon, orangutan, Chimpanzee, Gorrilla.

Unit - V

Relationship of man with anthropoid apes. Physical features of man and apes : a comparative study.

Recommended Books

1. Das, B. M. : Outline of Physical Anthropology
2. Howells, W. : Mankind in the Making
3. Buettner – Janusch, J. : Origins of Man
4. Das, B. M. & P.B.Das : Prathamik Abayabik Nritattwa
5. Mantagu, A. : An Introduction to Physical Anthropology
6. Coon, C. S. : Anthropology from A to Z
7. Laskar, G.W. : Physical Anthropology.
8. Bates, M. : Man in Nature
9. Roy, I. B. : Anthropology – The Study of Man
10. Das, B. M. : Manab Gosthi
11. Das, B.M. & R. Das : Manab Parajati Parichaya
12. Das, B.M. & P.B. Das : Prathamik Abayabik Nritattwa
13. Das, P.B. : Jibasma Manab

Second Half : Prehistoric Anthropology**Marks : 35**

- Unit I: Basic concept of prehistoric archaeology, a definition, aims & objective, scope, origin and development. Concept of ancient history & history.
- Unit II: Relationship between prehistoric archaeology and other branches of Anthropology and other cognate sciences.
- Unit III : Methods of studying prehistoric archaeology – archaeological, geological (stratigraphical), palaeontological and ethnographical methods.
- Unit IV : Prehistoric tool type & lithic technology – lower, middle and upper Paleolithic, Mesolithic and Neolithic period.
- Unit V : Bone tools industry of upper Paleolithic period.
- Unit VI : Paleo-ecology, geological ages of the earth Pleistocene boundary, villafranchian fauna. Ice age (glacial – inter glacial; pluvial and inter pluvial)

Paper E 301
Social Anthropology
Marks : 50

Unit I : Social institutions :

- i. Types of family: Nuclear, Extended, Joint,
- ii. Marriage :definition and functions. characteristics,
- iii. Modes of mate selection:
- iv. Rules of marriage- incest prohibition, exogamy and endogamy, preferential,(cousin marriages)
- v. Rules of Descent, Residence:
- vi. Types of marriage (Monogamy and Polygamy);

- viii. Patterns of authority: Patriarchy, Matriarchy;
- ix Kinship: affinal and consanguinal ; Kinship terms (descriptive and classificatory), degree and usages: Avoidance and joking relationships,Kin-based groups and their functions - lineage, clan, phratry and moiety

Unit II : Cultural and Social Change:

Diffusion, Innovation, Acculturation, Cultural Lag, Planned Change assimilation,

Recommended Readings :

Ali, A.N.M. Irshad

and B. K. Medhi Samajik Nrittwatwa Sambhed (Assamese)

Beals,R & Hoijer An Introduction to Anthropology 3rd Edition

Haviland, Prins,

Walrath & McBride Introduction to Anthropology Cengage India Edition

Haviland, Prins,

Walrath &

McBride

Introduction to Cultural Anthropology Cengage India Edition

Honigmann, J,J

Handbook of Social and Cultural Anthropology Vol 1&2 Rawat

- Majumdar, D.N &
T.N Madan, Introduction to Social Anthropology
Scupin R&
C.R.DeCorse Anthropology: Global Perspective PHI Learning Pvt Ltd.
New Delhi
- Srivastava ARN Essentials of Cultural Anthropology. Prentice Hall
India
- Vidyarthi, LP &
.Rai Tribal Cultures of India Concept Pub
- Further References :**
- Beals, Hoijer&
Beals An Introduction to
Anthropology 5th Edition Collier Macmillan
- Hoebel, A Man in the Primitive world
- Kluckhohn,C Mirror for Man
- Pocock Understanding Social Anthropology Rawat
- Lowie, R.H Social Organization
- Lowie, R.H Primitive Society
- Mair Lucy An Introduction to
Social Anthropology Oxford India Press
- Majumdar,D.N Races and Cultures of India

Paper E 302 (Practical)
Physical & Prehistory
Marks 50

Part I :Physical Anthropology

Marks : 30

Unit I : Drawing and description of instruments.

Unit II : Osteology

Drawing, description and identification of the following bones.

Skull bones : Frontal, parietal, occipital, maxilla, mandible, sphenoid.

Long bones : Humerus, radius, ulna, femur, tibia, fibula.

Others : Scapula, clavicle.

Part II : Prehistoric Anthropology

Marks : 20

Unit I : Students are to be taught about the basic differences between

- (i) Man made tool and natural stone
- (ii) Core tool and flake tool

Unit II : They have to draw atleast 3 (three) core tools and 3 (three) flake tool and they are to be taught to identify the different parts of a man-made tool, such as a (a) Primary flaking (b) Secondary flaking (c) retouching (d) working edge (e) buttend (f) Striking platform, (g) deep flaking (h) Shallow flaking (i) bulb of percussion (j) Bulbar scar etc.

Paper E 401
Physical Anthropology & Prehistoric Anthropology
Marks : 50

Part I : Physical Anthropology :

Marks : 30

Unit – I

Elementary knowledge of Genetics and heredity.

Mendel's Laws of inheritance.

Unit –II

Mechanism of evolution

-Natural Selection, Mutation, Genetic drift, hybridization

Unit –III

Evidences of evolution

Part II : Prehistory

Marks – 20

Unit I: Middle_Paleolithic in Europe & India

Unit II: Upper Paleolithic in Europe & India

Unit III: Upper Paleolithic Art – Home art, cave art.

Recommended Books

1. Das, B. M. : Outline of Physical Anthropology
2. Howells, W. : Mankind in the Making
3. Sarkar, S.S. : Aboriginal Races of India.
4. Buettner – Janusch, J. : Origins of Man
5. Das, B. M. & P.B.Das : Prathamik Abayabik Nritattwa
6. Das, B.M. : Manab Gosthi
7. Das, B.M. and R. Das : Manav Prajati Parichaya
8. Hootan, E.A. : Up from the Ape
9. Bates, M. : Man in Nature
10. Roy, I. B. : Anthropology – The Study of Man
11. Das, B. M. : Manab Gosthi
12. Das, B.M. & R. Das : Manab Parajati Parichaya
13. Das, B.M. & P.B. Das : Prathamik Abayabik Nritattwa
14. Das, P.B. : Jibasma Manab

Paper E 402 (Practical)
Physical and Prehistory
Full Marks : 50

Part –I : Physical Anthrpology

Marks : 30

Unit – I : Somatoscopy

Following somatoscopic observations on five individuals are to be made : Skin colour, Hair on head : Colour, form, quantity, texture. Forehead : height, breadth slope. Supra orbital ridges : prominence. Eye : colour, slit, fold. Eye brows : quality, nature, Nose : root, bridge, septum. Lips : Size, eversion. Face – form, prognathism. Cheek bone : Prominence. Chin : form.

Unit – II : Somatometry

- | | |
|---------------------------|--------------------------|
| (i) Head length | (ii) Head breadth |
| (iii) Bi-zygomatic brwadh | (iv) Bi-gonial breadth |
| (v) Total facial height | (vi) Upper facial height |
| (vii) Nasal height | (viii) Nasal breadth |
| (ix) Stature | (x) Sitting height |
| (xi) Height tragus | (xii) Height dactylion |
| (xiii) Girth of bicep | (xiv) Body weight |

Students shall keep record of five subjects

Indices (i) Cephalic Index (ii) Nasal Index (iii) Total facial index

Students are required to submit a laboratory note book for evaluation

Recommended Books

1. Das, B.M. & Ranjan Deka : Physical Anthropology Practical
2. Sing, I.P. and M.K. Bhasin : Anthropometry
3. : Gray,s Anatomy
4. Mukherjee, D, D.P. Mukherjee : Laboratory Manual for biological Anthropology.
And P. Bharati

Part II : Prehistory

Marks 20

Draw and describe the following tools of different cultural periods in Practical Note book.

Lower Paleolithic Tools -----5
 Middle Paleolithic Tools-----5

Paper E 501
Social Anthropology

Marks : 100

Unit I : Religion and Magic:

Anthropological concepts of religion and magic. Basic concepts : Animism, Animatism, Manaism, Totemism; Functionaries of Religion: Shamans and Priests; Types of Magic
Role of religion in human societies.

Unit II : Indian Society : Tribes, castes and peasants in India

- i. The unity and diversity of Indian culture and society.
- ii. Indian social system: Varnashram, Purushartha, Joint family.
- iii. Caste: Definition, characteristics, Characteristic features of Indian tribes.
- iv. Constitutional provisions for SC and ST.
- v. Emergence, growth and development of anthropology in India- A Brief Overview.

Unit III : Tribal communities of NE India :

- i. Names and distribution of important tribal communities of the States of North east India :
- ii. Brief ethnographic studies of any two the following tribes (a) Karbi (b) Garo (c) Apatani
(d) Tiwa (e) Mishings(f) Ao Naga

Unit IV : Applied Social Anthropology .

- i Applications of social anthropological knowledge in planning, administration, development ,
welfare of tribal and other weaker sections of the society.

Recommended Readings :

UNIT I

- | | |
|---------------------------------------|---|
| Hazarika, Kakati, R, | Dharma Tatwa (in Assamese) |
| Haviland, Prins,
Walrath & McBride | Cultural
Anthropology Cengage India Edition |
| Majumdar, D.N
& T.N Madan, | <i>Introduction to Social Anthropology</i> |
| Scupin R&
C.R.DeCorse | <i>Anthropology: Global Perspective</i> PHI Learning
PvtLtd. New Delhi |
| Srivastava ARN | <i>Essentials of Cultural Anthropology.</i> Prentice Hall |
| Vidyarthi, LP &
Rai : | <i>Tribal Cultures of India</i> Concept Pub |

Further Reference :

Barua, B.K Asaomor Loka Sanskriti (Assamese)

Frazer, James G *The Golden Bough*
(Abridged Edition)

Karsten, R. : *Origins of Religion*

Unit II : Indian Society : Tribes, castes and peasants in India

Betaille, A. *Six Essays in Comparative Sociology*

Dube, S.C. *Indian Society* NBT, N.Delhi

Kar, P.K. *Indian Society* Kalyani Publishers.

Singh, Y. *Cultural Change in India Modernization of Indian Tradition*

Jha, M *A History of Anthropological Thought* Vikas

Sarana, Gopala &
R.P. Srivastava *Anthropology and Sociology* New Royal Book Co.
Lucknow

Unit : III

Bordoloi B.N et al *Tribes of Assam Vols 1,2& 3* TRI, Assam
Das, T.C , *Tribal Life of North East India*

Gan-Chaudhuri, Jagadis. *Tripura: The Land and its People*. (Delhi: Leeladevi Publications, 1980)

Heimendorf H furer von *ApaTanis and Their Neighbours*

Heimendorf H furer von *A Himalayan Tribe From Cattle to Cash*

Herskovits, M.J *Cultural Anthropology* ,

Majumdar, D.N *Races and Cultures of India*
Medhi, B.K et al *Tribes of North East India*
(Selected papers) Omsons

Mills, J. P. (1926). *The Ao Nagas*. London, Macmillan and Co.

Piddington, Ralph *An Introduction to Social Anthropology Vol 2*

Sen, S *Tribes and castes of Assam* Gyan

Smith, William C. (2002). *The Ao-Naga tribe of Assam*. New Delhi: Mittal.

Vidyarthi, LP &
Rai *Tribal Cultures of India* Concept Publishing
Waddle *Tribes of the Brahmaputra Valley*

Unit : IV

Bhowmick, P.K. 1990 : *Applied Action Development Anthropology*. Inst. of Soc. Res. And Applied Anthropology. Calcutta.

Pool, Medical Anthropology TMH
Narayanan,S *Anthropology of Disaster Management* Gyan

Sachchidanandan. 1992 : *Tribal India : Past and Present*. Inst. of Soc. Res. And Applied Anthropology. Calcutta.

Scupin R&

C.R.DeCorse Anthropology: Global Perspective PHI Learning Pvt Ltd.
New Delhi Sharma, A.N (ed)

Anthropology in Human Welfare (Relevant Chapters)

Vidyarthi, L.P. 2002 : *Applied Anthropology in India*. Kitab Mahal. New Delhi.

Ember,Ember

& Peregrine *Anthropology* Pearson

Haviland, Prins,

Walrath & McBride *Introduction to Anthropology* Cengage India Edition

Jha M.

An Introduction to Social Anthropology Vikas Publishing

Scupin R&

C.R.DeCorse *Anthropology: Global Perspective* PHI Learning Pvt Ltd.
New Delhi

Srivastava ARN

Essentials of Cultural Anthropology. Prentice Hall
India

Further Readings:

Haviland, Prins,

Walrath & McBride

Lewellen Ted

Cultural The Anthropology of Globalization Rawat

Anthropology Cengage India Edition

Paper E 502 (Practical)
Physical & Prehistory
Marks : 100

Part I : Physical Anthropology

Marks : 60

Unit – I

Technique of taking finger prints : Identification of finger ball pattern
 - whorl, loop and arch

Finger prints of five individuals (both hands) are to be taken

Unit – II : Osteometry.

Measurements of the following human bones on osteometric board

- i. Humerus – Maximum Length
- ii. Radius - „ „
- iii. Ulna - „ „
- iv. Femur - „ „

Students are required to submit a laboratory note book for evaluation

Unit – III : Craniometry

- (i) Cranial length
- (ii) Cranial breadth
- (iii) Greatest occipital breadth
- (iv) Nasal height
- (v) Nasal breadth
- (vi) Nasion prosthion line
- (vii) Upper facial height
- (viii) Bi-zygomatic breadth
- (ix) Frontal chord
- (x) Parietal chord
- (xi) Occipital chord
- (xii) Frontal arc
- (xiii) Parietal arc
- (xiv) Occipital arc.

Students shall record craniometric measurements of five skulls.

Reference Books for Practical Papers

1. Das, B.M. & R. Deka : Physical Anthropology Practical
2. Singh, I.P. & M.K.Bhasin : Anthropometry

Part II : Prehistory

Marks - 40

Draw and describe the following stone tools of different cultural period –

- (i) Upper Paleolithic Stone tools ---- 5
- (ii) Upper Paleolithic Bone tools ----- 5
- (iii) Microliths (Mesolithic period)---- 5.
- (iv) Neoliths (Neolithic period).----- 10

Paper 601
Physical Anthropology
Marks : 75

Part I : Physical Anthropology :

Marks : 40

Unit – I

Theories of organic evolution

Unit – II

Descent of man

Unit - III

Fossil primates : Significant characteristics, distribution – Adapidae, Anaptomorphidae, Parapithecus, propliopithecus, pliopithecus, Dryopithecus, Ramapithecus, Gigantopithecus

Unit – IV

Evolutionary stages of man in the light of the following fossil evidence :-
 Australopithecus, pithecanthropus, Sinanthropus, Neanderthalman and Cro-magnon.

Unit – V

Mesolithic races : Mugem, Tevic & Offnet.

Part II : Prehistory

Marks -35

Unit I : Dating method : Concept of Dating, Relative Dating : Stratigraphy, Paleontology, Absolute Dating; Radio-Carbon, Potassium-argon.

Unit II : Lower Paleolithic in East Africa & Europe

Unit III : Lower Paleolithic in India

Unit IV_: Mesolithic development in western Asia (Middle east – Natufian), in Europe (Azilian, Terdenoisian, Maglemoscan)

Unit V_: Neolithic Revolution :
 Neolithic Cultural Pattern in India

Unit VI_: Megalithic culture in India – (Meaning & type, description)

Unit VII : Indus valley civilization – Characteristics description, reason of decay

Recommended Books

1. Das, B. M. : Outline of Physical Anthropology
2. Howells, W. : Mankind in the Making
3. Sarkar, S.S. : Aboriginal Races of India.
4. Buettner – Janusch, J. : Origins of Man
5. Das, B. M. & P.B.Das : Prathamik Abayabik Nritattwa
6. Das, B.M. : Manab Gosthi
7. Das, B.M. and R. Das : Manav Prajati Parichaya
8. Hootan, E.A. : Up from the Ape
9. Bates, M. : Man in Nature
10. Roy, I. B. : Anthropology – The Study of Man
11. Das, B. M. : Manab Gosthi
12. Das, B.M. & R. Das : Manab Parajati Parichaya
13. Das, B.M. & P.B. Das : Prathamik Abayabik Nritattwa
14. Das, P.B. : Jibasma Manab

Paper E 602(Practical)
Marks 100

A. TECHNOLOGY

Marks : 30

1. Study of implements illustrative of material culture and subsistence economy of the tribal and non-tribal people of North East India with special reference to the following :

1. Hunting implements (minimum 3)
2. Fishing implements (minimum 3)
3. Horticultural and agricultural implements (minimum 4)
4. Storing and/or carrying baskets : (minimum 2)

Students shall make (A) proportionate drawing of the specimens with each component properly labeled and detailing the function of each component (B) Mention (I) the local name and its English equivalent (2) ethnic or cultural affiliation (3) Raw materials used (4) Maker / manipulator (5) Manipulation /Mode of use (6) Ecological significance

Students are required to keep records of their works in laboratory note books

B MUSEUM METHODS

Marks : 20

1. the students will be given theoretical knowledge on museum and museum methods;
Anthropological museum; Preparation of field Shellac solution.
2. Hands on practical on cleaning/display/classification/preservation of Departmental Museum specimens (Wood, bamboo, cane, textile/leather)
3. The students will keep the records in their note books.

C FIELD WORK

Marks : 50

No student will be allowed to appear in the final examination of 2nd Year

Without completing three days Field Work organized by the Department

and submitting the field report. The students are required to prepare the report following the guidelines detailed below:

2. Description of the village and its people .
3. Village plan
- 3 Basic methods of collecting data
- 4 Collection and analysis of household census data of at least twenty households.
- 5 A General description of socio-economic life of the people with special reference to any topic suggested by the supervising teacher.

Recommended Books on Field Methodology :

- Haviland, Prins,
Walrath & McBride Introduction to
 Anthropology Cengage India Edition
- Haviland, Prins,
Walrath & McBride Cultural Anthropology Cengage India Edition
- Herskovits, M.J Cultural Anthropology
- Royal Anthropological Institute of Great Britain *Notes and Queries in Anthropology.*
- Basu, M.N *Field Methods in Anthropology and other Social Sciences*
- Russel, Bernard,H *Research Methods in Anthropology.* Rawat