

U.G. 2nd Semester

Paper: ANT201C (Core) Culture and Society

Credits: 5 = 4 + 1 + 0 (64 Lectures)

Course outline— This paper aims at acquainting the students with the basic concepts of society and culture.

Unit I: Culture: concept and characteristics. Material culture and non- material culture, Enculturation, culture trait, culture complex, culture area, culture and society

Unit II: Basic concepts: Society, Social groups: Social institutions; Social structure; Social organization; community Association, status and role.

Unit III: Marriage: Definition, functions, and types of marriage. Modes of mate selection

Unit IV: Family: Definitions and functions and Types

Unit V: Kinship: Concept and definition of kin and kinship. Kinship terms (descriptive and classificatory) and degree. Kinship usages

Unit VI: Forces and factors of socio-cultural change: Innovation/ invention, Evolution, Diffusion, Acculturation.

Recommended Readings (latest editions wherever applicable):

Beals, R & Hoijer H, *An Introduction to Anthropology*. Macmillan.

Beattie John. *Other Cultures*. Routledge.

Herskovits, M J. *Cultural Anthropology*. Random House.

Hoebel, E A. *Man in the Primitive world*. McGraw Hill.

Herzfield, M. *Anthropology*. Rawat.

Honigmann, J J. *Handbook of Social and Cultural Anthropology*. RandMcNallyCollege Pub

Kottak, C P. *Cultural Anthropology*. McGraw Hill.

Mair, Lucy. *An Introduction to Social Anthropology*. OxfordIndia Press.

Majumdar, D N & T N Madan. *Introduction to Social Anthropology*. Asia Publishing House.

Piddington, Ralph. *An Introduction to Social Anthropology*. Vol 1. Oliver and Boyd.

Srivastava, A R N. *Essentials of Cultural Anthropology*. Prentice Hall.

Vidyarthi, L P & B K Rai. *The Tribal Culture of India*. Concept.

Paper: ANT202C (Core)
Introducing Archaeological Anthropology
Credits: 5 = 3+0+2 (48 Lectures)

Course Outline----- This paper aims at providing the students basic knowledge of prehistoric anthropology, its relation with other sciences and methods of study and knowledge of tools and artefacts both theoretically and practically.

Unit I: Prehistoric Anthropology:

- A. Prehistory, Proto- history and History.
- B. Framework of Prehistory.
- C. Development of World Prehistory; Origin and History.
- D. Concept of Ethno–archaeology, Salvage Archaeology, Environmental Archaeology.

Unit II: Archaeological Anthropology – The Scientific Basis - Relationship with Other Branches of Anthropology and Other Cognate Sciences -

Earth Science – Geology and Geography

Physical Science - Physics and Chemistry

Biological Science – Zoology and Botany

Social Science – History and Historical Linguistic

Unit III: Methods of study: Archaeological, Geological and Paleontological Methods.

Unit IV: Archaeological Data – Tools and Artefacts

- A. Tools of Different Cultural Periods – Pebble/Cobble Tool, Hand Axe, Cleaver, Discoid, Points, Scrapers, Borer, Blade Tools, Burin or Gravers, Arrow Heads, Laurel Leaf Point, Willow Leaf Point, Sumatralith, Microliths and Neoliths (Axe, Adze, Chisel, Sickle, Mace Head, Hammer Axe etc.)
- B. Bone Tool Industry - Harpoon, Spear Thrower, Dart Thrower, Lance Point, Needle.
- C. Ceramics - Pottery and its Significance in Archaeology - Raw Material, Method of Manufacture, Surface Treatment, Firing Technology, Handmade and Wheel made Pottery

Units V: Different Methods of Manufacturing Lithic Tools

Percussion Techniques: Stone Hammer, Cylinder Hammer, Block and Anvil Technique, Bipolar Technique, Clactonian and Levallosian.

Blade Technique: Pressure Flaking, Fluting.

Pecking, Grinding and Polishing Technique.

Unit VI: Practical on Lithic Typology

Students should have skills of proper and scientific drawing of tools followed by a brief description from different cultural periods as per guidelines given below.

1. They Should be Able to Differentiate:

- a. Between Manmade Tools (Artifacts) and Natural Objects
 - b. Between Core Tool and Flake Tools
2. They Should be Able to Identify:
- a. Different Parts of a Tool
 - b. The Raw Material of The Concerned Tools
3. They have to Draw and Describe the Following Tools
- Lower Palaeolithic – Pebble/Cobble Tool – 1; Hand Axe – 2; Cleaver -
- Middle Palaeolithic – Scraper 3; Borer -1
- Upper Palaeolithic – Blade Tools -3; Bone Tools – 5
- Mesolithic – 3; Neolithic – 5

Unit VII: Project Work on Ceramic Technology –

Visit to a Potter's Village or Archaeological Site or to a Museum to Understand Pottery Typology and Technology. Students have to submit a Report in Consultation with the Supervisor.

Recommended Books:

- Beals, R. & Hoijer, H. *An Introduction to Anthropology*. Macmillan.
- Bhattacharyya, D. K. *Prehistoric Archaeology*. Hindustan Publishing Corporation.
- Bordaz, J. *Tools of the Old and New Stone Age*. Dover Publications.
- Bordes, F. *The Old Stone Age*. McGraw Hill.
- Borthwell, D. & Eric Higgs, eds. *Science in Archaeology*. Thames and Hudson Ltd.
- Daniel, Glyn. *Origin and Growth of Archaeology*. Penguin Books.
- Hodder, Ian. *The Present Past*. Pica Press.
- Hole, F. & Heizer. *An Introduction to Prehistoric Archaeology*. Rinehart and Winston.
- Karmer, C. 'Ethnoarchaeology' in D. Levinson and M. Ember, eds. *Encyclopedia of Cultural Anthropology*. Palgrave Macmillan.
- Oakley, K.P. *Man, The Tool Maker*. British Museum.
- Reddy, V. Rami. *Elements of Prehistory*. Mittal Publication.
- Raman, K.V. *Principles and Methods of Archaeology*.

Paper: ANT203G (General Elective)
Fundamentals of Biological Anthropology
Credits: 4 = 3+0+1 (48 Lectures)

Course Outline---- The aim of this paper is introduce the students to the basics of biological anthropology, men's place in the animal kingdom on the basis of their special features, knowledge on human genetics and the basic knowledge of human skeleton, theoretically and practically.

Unit I: Biological Anthropology: scope, relation to other branches of Anthropology.

Unit II: A general study of the human skeleton.

Unit III: Man's place in the animal kingdom. General characters of mammals, primate, and man

Unit IV: Major evolutionary stages of man: Austrapithecinae (*Australopithecus africanus*), *Homo erectus* (*Pithecanthropus erectus*), *Homo neanderthalensis* (La Chapelle-aux-Saints), *Homo sapiens* (Cro-magnon).

Unit V: Elementary Genetics: Mendel's law of inheritance

Unit VI: Concept of Race, Main characteristics of three major racial groups

Practical

Unit VII: Somatometry (5 subjects)

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|-------------------------|---------------------------|
| 1. Head Length | 2. Head Breadth |
| 3. Bi-zygomatic breadth | 4. Bi-gonial breadth |
| 5. Total facial height | 6. Upper facial height |
| 7. Nasal Height | 8. Nasal breadth |
| 9. Height vertex | 10. Sitting height vertex |
| 11. Height acromion | 12. Height dactylion |

Indices: (i) Cephalic Index, (ii) Nasal Index.

Unit VIII: Somatoscopic Observation: 1. Hair: Form and Texture; 2. Skin Colour, 3. Nose: Root, Bridge and Septum, 4. Lip: Form And Eversion, 5. Eye: Fold, colour and fissure.

Recommended Readings:

Buttner Janusch, J., *Origins of Man*, Wiley Eastern Pvt. Ltd., New Delhi, 1969.

Cartmill, Matt., Smith, Fred H., *The Human Lineage* 1st Edition, Kaye B. Brown (Series Editor), Wiley-Blackwell, New Jersey, 2009.

Comas, Juan, *Manual of Physical Anthropology*, Charles C. Thomas, Illinois, 1960.

Das, B M. *Outline of Physical Anthropology (26th Edition)*. Kitab Mahal, Allahabad, 2008.

Das, B.M. and Deka, R., *Physical Anthropology Practical*, Kitab Mahal, Allahabad, 1996.

Gardner, Simmons, M. J., Snustad, D. P., *Principals of Genetics*. John Wiley & Sons, 2006.

Harrison, G.A., Tanner, J.M., Pibeam, D.R., Barker, P.T. *Human Biology*, Oxford Univ. Press, oxford, 1990.

Hoddon, A.C., *Races of Man*, Cambridge University Press, Cambridge. 1929.

Hooton, A.E., *Up from the Ape*, Macmilan, Delhi, 1965.

Le Gros Clark, W.E., *Fossil Evidence of Human Evolution*, Univ. Press. Chicago, 1978

Mckusick, V.A., *Human Genetics*, Pretence Hall, New Delhi, 1969.

Mukherji, D., Mukherjee, D, Bharati, P., *Laboratory Manual for Biological Anthropology*, Asian Books Pvt. Ltd. New Delhi, 2009.

Nystrom, P., Ashmore, P., *The Life of Primates*, PHI Learning Pvt. Ltd. New Delhi, 2011.

Sarkar, R M. *Fundamentals of Physical Anthropology*. Vidyodata Library Pvt. Ltd. Calcutta, 1997.