

DEPARTMENT OF ANTHROPOLOGY
COURSE CURRICULUM & MARKING SCHEME

B.Sc./B.A. Part - III
ANTHROPOLOGY

SESSION : 2023-24



ESTD : 1958

**GOVT. V.Y.T. PG AUTONOMOUS COLLEGE,
DURG, 491001 (C.G.)**

(Former Name – Govt. Arts & Science College, Durg)

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B .A./ B.SC. / THIRD YEAR SUBJECT- ANTHROPOLOGY

Paper -I

TITLE OF PAPER - FUNDAMENTAL OF HUMAN GENETICS AND HUMAN GROWTH

AIM : The aim of this paper is to introduce the students the basics of Human Genetics and Human Growth.

UNIT -I

Human Genetics: aim and scope , Cell division : Mitosis and Meiosis. , Normal and Abnormal chromosomes. , Genes : concept of DN A and RNA . , Types of inheritance: Autosomal , (Dominant and Recessive). Sex linked inheritance.

UNIT -II

Concept of Race. Formation of Racial groups. Criteria for racial classification Racial elements in India, Major stocks of the world and their broad divisions.

UNIT -III

Types of twins and their importance in genetic investigation. Inheritance of ABO blood Groups, PTC , Colour blindness and Dermatoglyphics Genetic counseling. Population Genetics.

UNIT -IV

Definition and scope of Human Growth , Methods of studying human growth and Development . Ageing , Nutritional requirement for normal growth Common nutritional disorders (Protein , Fat , Carbohydrates, Mineral , Vitamin].

UNIT-V

Ecology : Definition and scope , Varieties of human ecosystems, Environment Population. Definition : nature and scope of biological demography . Demography Profiles : Fertility ,

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Paper-II

TITLE OF PAPER - THEORIES IN SOCIAL AND CULTURAL ANTHROPOLOGY

The main aim of this course is to introduce the students about the basic Principle of Social Anthropology to provide preliminary understanding of various theoretical Models evolved by Social and cultural Anthropology

UNIT-I

The contribution made by the following Anthropologists to Social and cultural Anthropology:

- | | |
|------------------|---------------------|
| (a) E. Durkheim | (e) S.C.Dube |
| (b) F. Boas | (f) M.N. Shrinivas |
| (c) R. Redfield | (g) L.P.Vidyarthi H |
| (d) A.L. Kroeber | |

UNIT-II

- Evolution** : Biological and cultural Evolution
- Classical evolution** : E.B.Taylor ,L.H. Morgan.
- Neo Evolutionism** : Leslie White, Gordon Childe . Cultural traits, cultural complex
Cultural Area, Cultural Focus. Diffusion of culture: British
Diffusionist , German -Astrian diffusionist
(Culture Kriese) American diffusionist (Culture Area).

UNIT-III

Function and structure ; Functionalism (Malinowski) and Structure Functionalism (Radcliffe Brown) Structuralism (Levi Sti£ss).

UNIT-IV

Personality : Basic Personality and Model personality Culture Pattern : Cofigurationalism (Ruth Benedict) Anthropological study of National Character .

UNIT-V

Field work tradition in anthropology, major tools of research schedule, questionnaire Participant observation, interview, case study, genealogical method. The main bases anthropological methods: historical method, comparative method and functional of method

B.A./ B.Sc. / Part-III Subject - Anthropology

Paper-III

TITLE OF PAPER - SEROLOGY AND SOMATOMETRY

OBJECTIVES : The main aim of this practical course is to introduce the student about the tools and method, analysis and practical method used in Human Biology. Laboratory procedures in Blood Grouping and dermatoglyphics would give Confidence in Dealing with all the applied dimensions they process.

Part-I

SOMATOMETRY: -

a. Measurement on body:

- | | |
|-----------------------------|-------------------------|
| (i) Height vertex | (ii) Height tragus |
| (iii) Suprasternale height | (iv) Biacromial Breadth |
| (v) Bi illiocristal breadth | (vi) Tibial height |
| (vii) Upper extremity | (viii) Sitting Height |
| (ix) Heigh Dactylion | (x) Body weight |

b. Head and face measurement:

- (i) Morphological upper facial length
- (ii) Physiognomic upper facial length
- (iii) Morphological facial length
- (iv) Bizygomatic breadth
- (v) Max head length
- (vi) Max head breadth
- (vii) Nasal length
- (viii) Nasal breadth

c. Indices:

- (i) Cephalic Index
- (ii) Nasal Index
- (iii) Facial Index

RECOMMENDED READINGS

1. Agrawal S.N. : Indian Population Problems
2. Bouge : Principles of Demography
3. Bresler : Human Ecology
4. Gran and Shamir : Methods of Research in Human
5. Harri : Biochemical Genetics Man
6. Harrison A.E.(Editor) : Human Biology
7. Phyllis and Home P.S. : Basic nutrition in health & disease
8. Race R.R.&Sanger R. : Blood group in Man
9. Stren C. : Principle of Human Genetics
10. Tanner J.M. : Human Growth
11. Theodar son ` : Studies in Human Ecology
12. Walson and Lowry : Growth and Development of Children
13. Winchester A. W. : Principle of Genetics
14. Sinnot , Dunn & Dozansky : Principle of Genetics