

**2018**

**M.Phil**

**1st Semester Examination**

**ANTHROPOLOGY**

**PAPER—ANT-115**

*Full Marks : 50*

*Time : 2 Hours*

*The figures in the right hand margin indicate full marks.*

*Candidates are required to give their answers in their own words as far as practicable.*

*Illustrate the answers wherever necessary.*

**ANT-115(BA)**

1. Answer any four questions : 4×5

- (a) Define inbreeding. How inbreeding is responsible for genotype variation.
- (b) Write a short note on hybridization.
- (c) What are the full forms of
  - (i) VNTR; (ii) STR; (iii) SNP; (iv) RFLP; (v) FH.

*(Turn Over)*

- (d) Briefly discuss different types of mating system.
- (e) Write a short note on genetic counselling.
- (f) What do you mean by genetic drift ?

2. Answer any *two* questions : 2×10

- (a) What are the presumptions of Hardy-Weinberg equilibrium ? Taking an arbitrary bi-allelic trait, prove that the genotype frequency remains constant after one generation. 4+6
- (b) What do you mean by Karyotyping ? Describe the Delves's system of Human Chromosome Karyotype. 2+8
- (c) Write an essay on Forensic Anthropology. 10
- (d) Define mutation. Briefly discuss the various types of Point mutation, with suitable examples. 3+7

**[Internal Assessment : 10 Marks]**

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**ANT-115(SA)**

1. Answer any *four* questions :

4×5

(a) Discuss the importance of archival data in anthropological research.

(b) State the phases of action anthropological work.

(c) Discuss the role of observation method in obtaining data in fieldwork.

(d) Mention the merits and demerits of PRA. 2½+2½

(e) Discuss the ethical issues involved in anthropological fieldwork.

(f) Discuss the importance of case study method in anthropological research.

2. Answer any *two* questions :

2×10

(a) Discuss the importance of 'emic' and 'etic' approaches in procuring anthropological data in field. 10

- (b) Critically assess the role of Key-informant in fieldwork. Mention the limitations of using Key-informant. 7+3
- (c) Define interview. Give the types of interview. Mention the advantages and disadvantages of this method. 2+4+2+2
- (d) Discuss critically the characteristics feature of ethnographic fieldwork. 10

***[Evaluation of assignment : 10 Marks]***

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