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3 (Sem-6/CBCS) ANT HC 1

2022

ANTHROPOLOGY

(Honours)

Paper : ANT-HC-6016

(Forensic Anthropology)

Full Marks : 60

Time : Three hours

***The figures in the margin indicate
full marks for the questions.***

1. Answer the following questions in short :
(any seven) 1×7=7

(a) Who is known as the father of Forensic Anthropology ?

(b) How many cusps are there in human premolar ?

(c) In which year the American Board of Forensic Anthropology (ABFA) was established ?

Contd.

- (d) Which is the best bone for determination of sex from skeletal remains ?
- (e) Who developed the Anthropometry or Portaite Parle technique for personal identification ?
- (f) Which types of teeth are not found in deciduous set of teeth ?
- (g) What is craniometry ?
- (h) Write the full form of PCR.
- (i) What is diastema ?
- (j) In which bone nuchal lines are situated ?

2. Answer the following questions in brief :
(any four) : 2×4=8

- (a) Name *two* physical traits for biometric identification.
- (b) Write *two* significant features of human femur.
- (c) Write *two* significant difference between human and non human vertebral column.

- (d) Name the finger ball patterns.
- (e) Mention *two* important features of human pelvis.
- (f) Define Forensic Serology.
- (g) Write *any two* criteria for determination of handwriting in forensic science.
- (h) Define histology.

3. Write short notes on : **(any three)** 5×3=15

- (a) Forensic Pathology
- (b) Ancestry estimation in Forensic Anthropology
- (c) Bite marks in criminal identification
- (d) Use of tattoo in personal identification
- (e) ABO Blood group system
- (f) Facial reconstruction in Forensic Anthropology
- (g) Human dentition
- (h) Finger print patterns for personal identification

4. Answer **any three** of the following questions : 10×3=30

(a) How the knowledge of Forensic Anthropology is applied in human skeletal remains to estimate the age and stature ? Explain.

(b) What is Forensic Anthropology ? Discuss its scope.

(c) Discuss the importance of Serology in Forensic Anthropology.

(d) Write an essay on the historical background of Forensic Anthropology.

(e) What are the major skeletal differences in male and female in human ? Discuss.

(f) What do you mean by personal identification in Forensic Anthropology ? Discuss the methods of personal identification in living persons.

(g) What is Forensic Odontology ? Write a note on importance of Forensic Odontology in Anthropology.

(h) Discuss the significance of DNA profiling in Forensic Anthropology.