



WEST BENGAL STATE UNIVERSITY
B.Sc. Honours 6th Semester Examination, 2021

ANTACOR13T-ANTHROPOLOGY (CC13)

FORENSIC ANTHROPOLOGY

Time Allotted: 2 Hours

Full Marks: 40

*The figures in the margin indicate full marks.
Candidates should answer in their own words and adhere to the word limit as practicable.*

1. Answer any **two** questions from the following: (within 800-1000 words each) 10×2 = 20
 - (a) What is Forensic Anthropology? Describe in brief about the aim, scope and application of Forensic Anthropology. 2+2+2+4
 - (b) What is the significance of studying Comparative Anatomy of human and non-human primates in Forensic Anthropology? Explain the characteristics of long bones for side identification with suitable examples. 5+5
 - (c) What do you mean by Forensic Odontology? What is the role of Forensic Odontology in identification of deceased? 3+7
 - (d) What steps must the criminalist follow to solve when examining dried bloodstain? Explain in detail. 10

2. Answer any **two** questions from the following: (within 300-400 words each) 5×2 = 10
 - (a) How Somatoscopy helps in Personal Identification?
 - (b) What are the different minutiae found in fingerprint?
 - (c) Explain tooth structure with suitable diagram.
 - (d) State the role of human skull in age determination.

3. Answer any **five** questions from the following: (within 25-30 words each) 1×5 = 5
 - (a) What is Latent fingerprint?
 - (b) What is meant by agglutination?
 - (c) Which one is the longest bone in Human Skeleton?
 - (d) What is the dental formula of adult Human?
 - (e) What is Serum?
 - (f) What is Bombay phenotype?

- (g) What is atd angle?
- (h) Define Prognathism.
- (i) Define Tented Arch.

4. Answer the following questions by choosing correct option:

1×5 = 5

- (a) How many metacarpal bones are found in Human skeleton?
(i) 10 (ii) 12 (iii) 15 (iv) 18
- (b) Which of the following option is a Somatometric feature?
(i) Skin Colour (ii) Head Circumference
(iii) Number of Hair Whorl (iv) Depression of the nasal root
- (c) Red cell enzymes are properties of
(i) Saliva (ii) Blood (iii) Semen (iv) None of these
- (d) Which of the following is a Dermatological character?
(i) Ponderal Index (ii) Jugo-frontal Index
(iii) Robusticity Index (iv) Pattern Intensity Index
- (e) Which of the following is not a Ridge characteristic?
(i) Spur (ii) Pore (iii) Bridge (iv) Enclosure

N.B. : *Students have to complete submission of their Answer Scripts through E-mail / Whatsapp to their own respective colleges on the same day / date of examination within 1 hour after end of exam. University / College authorities will not be held responsible for wrong submission (at in proper address). Students are strongly advised not to submit multiple copies of the same answer script.*

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