WEST BENGAL STATE UNIVERSITY
B.Sc. Honours 6th Semester Examination, 2023

ANTACOR13T-ANTHROPOLOGY (CC13)

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 Serology? What are the different methods of identification of Semen and Saliva in Forensic Anthropology?   2+4+4

   (b) Define stature. Discuss different methods involved in stature estimation from long bones.   2+8

   (c) What are the differences between human and non-human skeletal remains? Discuss different techniques used for recovery of human skeletal remains.   4+6

   (d) Write a brief note on history of Forensic Anthropology. Discuss the principles and applications of DNA profiling.   5+5

2. Answer any *two* questions from the following: (within 300-400 words each)   5×2 = 10

   (a) Briefly discuss the role of handwriting as a method of personal identification.   5

   (b) Write a short note on the significance of facial reconstruction in forensic anthropology.   5

   (c) Write down the role of fingerprints for personal identification in Forensic Anthropology.   5

   (d) Differentiate between male and female human skull.   5

3. Answer any *five* questions from the following: (within 25-30 words each)   1×5 = 5

   (a) What is partial identification?

   (b) Define Odontology.

   (c) What is skeletal maturity?

   (d) What is the utility of lip prints in Forensic Anthropology?

   (e) What is Ossification?

   (f) What is blood stain?

   (g) What is bone age?

   (h) What is minutiae?

   (i) What is Somatoscopy?

4.   Answer the following questions by choosing correct option: 1×5 = 5

(a) PII is related to

     (i) Odontology   (ii) Serology   (iii) Dermatoglyphics   (iv) Somatometry

(b) How many pelvic bones are there in a pelvic girdle?

     (i) 3   (ii) 6   (iii) 1   (iv) 2

(c) Which of the following option is a Somatometric feature?

     (i) Hair colour   (ii) Waist circumference

     (iii) Dermatoglyphics   (iv) Shape of Ear

(d) Haptoglobins are properties of

     (i) Human saliva   (ii) Human sweat   (iii) Human semen   (iv) Human blood

(e) The longest bone of human skeleton is

     (i) Tibia   (ii) Fibula   (iii) Radius   (iv) Femur

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