



‘समानो मन्त्रः समितिः समानी’

**UNIVERSITY OF NORTH BENGAL**  
B.Sc. Honours 6th Semester Examination, 2022

**CC13-ANTHROPOLOGY**  
**FORENSIC ANTHROPOLOGY**

Time Allotted: 2 Hours

Full Marks: 40

*The figures in the margin indicate full marks.*

**SECTION-A**

1. Answer any **five** questions from the following: 1×5 = 5
- What is linea-aspera?
  - What is axial skeleton?
  - Mention two factors responsible for changes in human cranio-facial structure.
  - Name an instrument used to measure diameter of long bones.
  - What are chondrocytes?
  - In which bone of skull you can find foramen magnum?
  - How many bones are there in a cranium?
  - Numbers of bones are same in a fetus and an adult — True or False?

**SECTION-B**

2. Answer any **three** questions from the following: 5×3 = 15
- What features of a human skull are used to determine ancestry?
  - Write a short note on human blood analysis for personal identification.
  - Indicate five sex-specific features of human pelvis or skull.
  - Write short note on the significance of osteology in forensic anthropology.
  - Name the four stages of sub-adult tooth emergence.

**SECTION-C**

3. Answer any **two** questions from the following: 10×2 = 20
- Define forensic anthropology. Briefly describe the history and development of forensic anthropology.
  - Describe the process of ossification and its importance in age estimation.
  - Briefly describe the age estimation methods using teeth, cranial sutures and long bones.
  - Describe how human blood stain can be used for forensic purpose.

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