



'সমানো মন্ত্র: সমিতি: সমানী'

UNIVERSITY OF NORTH BENGAL

B.Sc. Honours 2nd Semester Examination, 2022

CC4-ANTHROPOLOGY (202)

FUNDAMENTAL OF HUMAN ORIGIN AND EVOLUTION

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
- (a) Define paleoanthropology.
 - (b) Name one fossil of classic Neanderthals.
 - (c) Name the hominin associated with the Mousterian tool industry.
 - (d) Name a *Homo erectus* site from Asia.
 - (e) Write down the scientific name of 'Lucy'.
 - (f) Name one Robust Australopithecus and its site of discovery.
 - (g) What is taphonomy?
 - (h) What was the average cranial capacity of *Homo erectus* fossils from China?

SECTION-B

2. Answer any **three** questions from the following: 5×3 = 15
- (a) Write a note on the anatomical features of the Neanderthals.
 - (b) Briefly describe the radiocarbon dating technique.
 - (c) Write a brief note on the origin of bipedalism in human evolution.
 - (d) Discuss the significance of fire in human evolution.
 - (e) Discuss briefly *Homo sapiens* fossil discovered from India.

SECTION-C

3. Answer any **two** questions from the following: 10×2 = 20
- (a) Explain why *Ramapithecus* was considered to be Miocene hominoid? Write down its distribution, characteristic features and phylogenetic relationship.
 - (b) What are the features that make *Australopithecus* hominid? Explain with reference to Lucy and Laetoli footprints.
 - (c) Discuss anatomical features and evolutionary relationship of *Homo erectus*.
 - (d) Describe the changes occurred in human skeleton for the assumption of erect posture.

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