

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

- (a) Discuss the important physical characteristics of Neanderthals and discuss its phylogenetic position.
- (b) Mention the significant physical characteristics of Dryopithecus. Discuss the position of Dryopithecus in evolution of primate.
- (c) Discuss the origin and evolution of primates based on fossil remains.
- (d) Discuss the origin, distribution and physical characters of Cro-Magnon and Grimaldi.
- (e) Discuss the notable evolutionary changes in the human skeleton due to assumption of erect posture and bipedal locomotion.
- (f) Describe the human vertebral column and point out the main functions of the vertebral column.

Total number of printed pages-4
3 (Sem -2/CBCS) ANT HC 2

2023
ANTHROPOLOGY

(Honours Core)

Paper : ANT-HC-2026

**(Fundamentals of Human
Origin and Evolution)**

Full Marks : 60

Time : Three hours

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

1. Answer the following questions : 1×7=7
- (a) Primate originated during _____ era.
(Fill in the blank)
 - (b) Omomyidae is the best known fossil primate of _____ epoch.
(Fill in the blank)
 - (c) Hominisation is also called as _____.
(Fill in the blank)

(d) Ancestor of man who first time showed the bi-pedal movement is _____.
(Fill in the blank)

(e) The fossil of primitive man discovered from Siwalik hills of India is _____.
(Fill in the blank)

(f) Which character applies to Homo sapiens?

- (i) Opposable big-toe
- (ii) Large canine
- (iii) Cranial capacity 1450cc
- (iv) Chin Prominence absent

(Choose the correct option)

(g) Dental formula of adult human is

- (i) $\frac{2:1:2:2}{2:1:2:2}$
- (ii) $\frac{2:1:1:4}{2:1:1:4}$
- (iii) $\frac{2:1:2:3}{2:1:2:4}$
- (iv) $\frac{2:1:2:3}{2:1:2:3}$

(Choose the correct option)

2. Give short answer to the following questions :

2×4=8

(a) Name two divisions of Neanderthal people.

(b) Who discovered the remains of Pithecanthropus erectus? Mention the site.

(c) What is the difference between cranial and post-cranial skeleton?

(d) How many cranial bones are there in the human skull? Name them.

3. Write short notes on **any three** of the following :
5×3=15

(a) Oligocene fossil primates

(b) Homo habilis

(c) Stages of human evolution

(d) Hominisation process

(e) Upper extremity in human skeleton