

2024

ANTHROPOLOGY

(Theory)

Full Marks : 70

Pass Marks : 21

Time : Three hours

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

All the questions are compulsory.

For Question Nos. 1 to 3 are essay type questions of 5 marks each. Give each answer in about 250 words.

1. Describe some important characteristics of *Australopithecus africanus*. 5

OR

Describe the important features of Skull cap of *Pithecanthropus erectus*.

2. Discuss the different stages of Mitotic cell division. 5

OR

Discuss the stages of the First prophase of meiosis cell division.

3. Discuss briefly the importance of Skin colour or Hair as a criterion for racial classification. 5

P.T.O.

For Question Nos. 4 to 9 are short answer type-I questions. Give each answer in about 50 to 60 words.

4. What are the different branches of Anthropology? 3

OR

Find out the relationship between Anthropology and Sociology.

5. Classify the class mammalia upto the order primate. 3

OR

State salient characteristics of the order primate.

6. Draw and describe the Scapula of man. 3

OR

Draw a neat label diagram of human occipital bone and describe it.

7. Mention the role of Hybridization in racial differentiation. 3

OR

State Social selection as an important role in racial differentiation.

8. What are the characteristics features of the Mongoloids? 3

OR

What are the physical characters of the Nordie?

9. How is body size related with adaptation? 3

OR

Explain why hypoxia develops in high altitude.

For Question Nos. 10 to 19 are short answer type-II questions. Give each answer in about 30 to 40 words.

10. Show the relationship between physical anthropology and palaeontology. 2
11. Why is man included in the class mammalia? 2
12. Compare metatheria and eutheria. 2
13. Write the dental formula of man. 2
14. State law of independent assortment of Mendel. 2
15. Explain mutation. 2
16. What is Nasal index and state their classification. 2
17. Write the adaptation of Nose form to different environmental conditions. 2
18. Given below is the age of some students. Find out the median of their age. 2

| SL. NO. | Age (years) |
|---------|-------------|
| 1 | 18 |
| 2 | 16 |
| 3 | 14 |
| 4 | 11 |
| 5 | 13 |
| 6 | 10 |
| 7 | 9 |
| 8 | 20 |

19. State the calculation of mode from mean and median. 2

For Question Nos. 20 to 29 are very short answer type questions. Give each answer in one or two sentences.

20. Which branch of anthropology deals with Social engineering? 1

21. Who coined the term primate? 1

22. What is called the largest foramen present in the human skull? 1

23. How many curves are present in the human vertebral column? 1

24. Who first discovered the remains of Cro-Magnon man? 1

25. What is human egg or ovum? 1

26. Define race according to Hooton. 1

27. What is a Brachycephalic head? 1

28. Who are the Negritos? 1

29. Define Arithmetic mean? 1

For Question Nos. 30 to 36 are Multiple Choice type questions. Choose the correct answer and rewrite it.

30. The book "Outline of physical Anthropology" was written by : 1

(A) Thomas Huxley

(B) Ashley Montagu

(C) B. M. Das

(D) Charles Bonnet

31. Glabella is a point located in the : 1
- (A) Frontal bone
 - (B) Temporal bone
 - (C) Parietal bone
 - (D) Occipital bone
32. Geologically, the Cro-Magnon belong to the : 1
- (A) Holocene period
 - (B) Late Pleistocene period
 - (C) Miocene period
 - (D) Eocene period
33. In the proper anthropological sense, the Dravidians are : 1
- (A) National groups
 - (B) Religious groups
 - (C) Cultural groups
 - (D) Linguistic groups
34. The Andamanese inhabit : 1
- (A) Philippine Island
 - (B) Andaman Islands
 - (C) New Guinea
 - (D) Melanesia

35. The Ainus represent a very ancient stock of : 1
- (A) Japan
 - (B) New Zealand
 - (C) Hawaii
 - (D) Norway
36. The head form of the Causasoid is : 1
- (A) Predominantly dolichocephalic
 - (B) Predominantly brachycephalic
 - (C) Dolichocephalic to brachycephalic
 - (D) Mesocephalic
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