

2023

## 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. State the salient characteristics of the order primate. 5
2. Write the physical characters of “Cro-Magnon” man. 5
3. Give an account of stature as a criterion for racial classification. 5

*For Question Nos. 4 to 10 are short answer type -I questions. Give each answer in about 50 to 60 words.*

4. Define Physical Anthropology. Mention the various spheres of applications of knowledge of this branch of anthropology. 1+2=3
5. Classify the order primate upto family Hominidae. 3

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6. Name the constituent bones of Cranium of man. 3
7. Draw and describe the Femur of man. 3
8. Write the importance of Mitotic Cell Division. 3
9. Explain sexual selection as an important mechanism for the formation of a new race. 3
10. Represent the geographical distribution of Negroid Race. 3

*For Question Nos. 11 to 20 are short answer type-II questions. Give each answer in about 30 to 40 words.*

11. Define anthropology and write its two main branches. 1+1=2
12. Who discovered Pithecanthropus erectus? Name the geological age of Pithecanthropus erectus. 2
13. Why is meiosis cell division also known as reduction division. 2
14. How is migration responsible for the formation of a race? 2
15. State the three characteristics of the hair form. 2
16. What are the physical features of an individual if he is to be identified as Caucasoid race. 2
17. All ecosystem consist of two components. Name the two components and explain. 2
18. What are the Abiotic Component of Ecosystem? 2

19. Calculate the arithmetic mean from the following frequency distribution in a test in Anthropology wherein 100 students participated. 2

Marks :	5	10	15	20	25	30	35	40
No. of Students :	12	15	13	18	11	09	08	14
(frequency)								

20. What are the uses of median. 2

*For Question Nos. 21 to 30 are very short answer type questions. Give each answer in one to two sentences.*

21. What is Action Anthropology ? 1
22. The diastema is a gap present in between incisor and canine in the dental series of man/anthropoid apes. 1
23. The cell can be divided into two types. Name them. 1
24. What is genic mutation ? 1
25. What is 'Albinism' ? 1
26. Which race possesses frizzly hair ? 1
27. Rewrite correctly : Wooly hair is seen among the Caucasoids. 1
28. Where do the Bushman live ? 1
29. What is Ecosystem ? 1
30. Mention one merit of Arithmetic Mean. 1

*For Question Nos. 31 to 34 are Multiple Choice type questions. Choose the correct answer and rewrite it.*

31. "Anthropology – The Study of Man" is written by – 1  
(A) B. M. Das (B) R. C. Das  
(C) Indrani Basu Roy (D) R. M. Sarkar
32. The human milk teeth consists of a set of – 1  
(A) 15 teeth (B) 16 teeth  
(C) 20 teeth (D) None of these
33. Phenotypic ratio of Mendel's Dihybrid cross is – 1  
(A) 9:3:3:1 (B) 3:1  
(C) 1:2:1 (D) 3:3:1
34. Crossing over between homologous chromosomes takes place in – 1  
(A) Leptotene (B) Pachytene  
(C) Diplotene (D) All the above
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