



WEST BENGAL STATE UNIVERSITY
B.Sc. Honours Part-I Examination, 2021



ANTHROPOLOGY

PAPER: ANTA-II

NEW AND OLD SYLLABUS

Time Allotted: 2 Hours

Full Marks: 50

*The figures in the margin indicate full marks.
Candidates should answer in their own words and adhere to the word limit as practicable.*

NEW SYLLABUS

1. Chose the correct option from the following: 1×4 = 4
 - (i) Core tools are significant tools of
 - (A) Lower Palaeolithic
 - (B) Middle Palaeolithic
 - (C) Upper Palaeolithic
 - (D) Mesolithic
 - (ii) Holocene is
 - (A) Epoch
 - (B) Era
 - (C) Period
 - (D) None of these
 - (iii) Which one of the following does not belong to Tertiary period?
 - (A) Paleocene
 - (B) Oligocene
 - (C) Holocene
 - (D) Pliocene
 - (iv) The lowermost layer of the terrace is
 - (A) Youngest
 - (B) Oldest
 - (C) Both (A) and (B)
 - (D) None of these

2. Answer any *two* questions from the following within 250 to 300 words each: 5×2 = 10
 - (a) Briefly discuss the significance of use of GIS in Archaeology. 5
 - (b) Write a note on geological time scale. 5
 - (c) Write briefly different methods of exploration. 5
 - (d) What is stratigraphical method of dating? 5

3. Answer any *two* questions from the following within 800 to 1000 words each: 12×2 = 24
 - (a) What is great Ice Age? Mention the significant causes of Ice Age. Briefly discuss the climatic fluctuations of Europe during Pleistocene Period. 3+3+6
 - (b) What is Palaeoanthropology? Discuss aim and scope of Palaeoanthropology and Prehistoric archeology. 2+5+5
 - (c) What is absolute method of dating? Briefly describe basic principles, advantages and disadvantages of C₁₄ method. 3+9

(d) What do you mean by 'Field Archeology'? Discuss briefly different stages of excavation with proper example. 3+9

4. Answer any *six* questions from the following within 25 to 30 words each: 2×6 = 12

- (a) What is fun estimation?
- (b) What is pluviation?
- (c) Define assemblage.
- (d) What is U-Shaped valley?
- (e) What is three-Age system?
- (f) What do you mean by half life?
- (g) What is wen?
- (h) What is epoch?
- (i) What is artifact?
- (j) What is datable material?

OLD SYLLABUS

GROUP-A

1. Answer any *one* question from the following within 800-1000 words each: 12×1 = 12
- (a) Define Species. Briefly describe about Allopatric and Sympatric Speciation. 4+8
 - (b) Briefly explain the importance of meiosis cell division in studying biological Anthropology. Briefly discuss the different stages of meiosis cell division. 4+8
 - (c) Define primates. Briefly discuss the characteristics features of order primates. 2+10
 - (d) Briefly describe the morphological and anatomical characteristics of Gorilla. 12
2. Answer any *one* question from the following within 250-300 words each: 5×1 = 5
- (a) Discuss the anatomical modification of human femur due to consequence of erect posture and bipedal Locomotion. 5
 - (b) Briefly describe the different form of RNA. 5
 - (c) Differentiate between Cope's and Dollo's rules. 5
 - (d) Write a short note on "Primate Behaviour". 5
3. Answer any *two* questions from the following within 25-30 words each: 2×2 = 4
- (a) What is evolution?
 - (b) What is nutritional stress?
 - (c) What is Karyotype?
 - (d) What is Oogenesis?

- (e) What is test cross?
- (f) What is mutation?
- (g) Define gene pool.
- (h) What is knuckle walking?
- (i) What is grooming?
- (j) Write down the name of two skull bones.

4. Choose the correct option from each question: 1 × 4 = 4
- (a) The name of the 1st vertebra is
 - (i) Atlas (ii) Axis (iii) Sacrum (iv) Coccyx
 - (b) Total number of permanent teeth in human is
 - (i) 42 (ii) 32 (iii) 20 (iv) 34
 - (c) True brachiation is seen among
 - (i) Gibbon (ii) Gorilla (iii) Tarsier (iv) None of them
 - (d) Chimpanzee is found in
 - (i) Asia (ii) Africa (iii) America (iv) China

GROUP-B

5. Answer any **one** question from the following within 800-1000 words each: 12 × 1 = 12
- (a) What is absolute method of dating? Briefly explain any one absolute method of dating. 2+10
 - (b) Briefly discuss about different evidences of Pleistocene Period. 12
 - (c) Briefly discuss the different stages of excavation. 12
 - (d) What is Geochronology? Briefly explain the environmental background of Quaternary period. 2+10
6. Answer any **one** question from the following within 250-300 words each: 5 × 1 = 5
- (a) Write a short note on “Three Age System” in Prehistory. 5
 - (b) Differentiate between relative and absolute methods of dating. 5
 - (c) Write a short note on “GIS”. 5
 - (d) Differentiate between Assemblage and Industry. 5
7. Answer any **two** questions from the following within 25-30 words each: 2 × 2 = 4
- (a) What is proto-history?
 - (b) What is tool?
 - (c) What is a trial trench?

- (d) What is Pluvial Zones?
- (e) Write down the disadvantages of C_{14} dating.
- (f) What is moraine?
- (g) What is era?
- (h) What is flake tool?
- (i) What is datum point?
- (j) What is Holocene period?

8. Choose the correct option from the following:

1×4 = 4

- (a) The Second inter-glacial period is called
 - (i) Riss-wurm (ii) Gunz-Mindel (iii) Mindel-Riss (iv) None of these
- (b) C_{14} dating method is used to date
 - (i) Stone (ii) Pottery
 - (iii) Organic materials (iv) Iron object
- (c) The three-age system is proposed by J. C. Thomsen in the year
 - (i) 1861 (ii) 1893 (iii) 1862 (iv) 1863
- (d) Hand axe is the index tool of
 - (i) Neolithic (ii) Chalcolithic (iii) Palaeolithic (iv) Mesolithic

N.B. : *Students have to complete submission of their Answer Scripts through E-mail / Whatsapp to their own respective colleges on the same day / date of examination within 1 hour after end of exam. University / College authorities will not be held responsible for wrong submission (at in proper address). Students are strongly advised not to submit multiple copies of the same answer script.*

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