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West Bengal State University

B.A./B.Sc./B.Com (Honours, Major, General) Examinations, 2014

PART – I

ANTHROPOLOGY — HONOURS

Paper – II

Duration : 4 Hours]   [Full Marks : 100

Candidates are required to give their answers in their own words as far as practicable.
The figures in the margin indicate full marks.

GROUP – A

1.   Answer any *two* of the following questions within 800 – 1000 words each.

$$2 \times 12 = 24$$

a)   Define species. What do you mean by 'Biological species concept' ? Differentiate between Sympatric and Allopatric speciation.   2 + 4 + 6

b)   Classify order Primates up to family level mentioning the features and distributions.   8 + 4

c)   Illustrate the process of Oögenesis in man with suitable sketches.   8 + 4

d)   Discuss different types of primate locomotion with suitable examples. 9 + 3

2.   Answer *two* of the following questions within 250-300 words each. $2 \times 5 = 10$

a)   What are the modifications of human pelvis due to the assumption of erect posture ?

b)   Write a short note on Parallelism and Convergence.

    c)   Write in brief about Hardy-Weinberg equilibrium.

    d)   Describe in brief the External morphology of Gorilla.

3.   Answer any *six* of the following questions within 25-30 words each.   6 × 2 = 12

    a)   What is Dominance and Leadership ?

    b)   What is Sagittal crest ?

    c)   What is Supraorbital torus ?

    d)   What is genetic drift ?

    e)   What is Core area ?

    f)   What is Diastema ?

    g)   What do you mean by Knuckle Walking ?

    h)   Define Cope's rule.

    i)   What is Extinction ?

    j)   Define Parapatric species.

4.   Choose the correct option from each question :   4 × 1 = 4

    a)   Mental foramen is located in

        i)   Human maxilla   ii)   Human pelvis

        iii)   Human mandible   iv)   None of these.

b)   Sigmoid notch is located in

    i)   Human maxilla   ii)   Human mandible

    iii)   Humerus   iv)   None of these.

c)   Which type of chromosome is not found in human ?

    i)   Metacentric   ii)   Submetacentric

    iii)   Acrocentric   iv)   Telocentric.

d)   Tooth comb is a character of

    i)   Prosimians   ii)   Gorillas

    iii)   Chimpanzees   iv)   Human.

GROUP – B

5.   Answer any *two* of the following questions within 800-1000 words each.

$2 \times 12 = 24$

a)   Define excavation. What are the different methods of Excavation in archaeology ?   2 + 10

b)   What do you mean by dating ? Describe the basic principles, advantage and procedures of any of the absolute dating methods known to you. 3 + 9

c)   Briefly discuss the Palaeoenvironment of Pleistocene period with speceal emphasis on Climatic fluctuations.   12

d)   What do you mean by periodization in pre-history ? Write a brief note on different cultural stages in pre-history and proto-history.   2 + 10

6.   Answer any *two* of the following questions within 250-300 words each.

                                                              2 × 5 = 10

    a)   What is stratigraphic method in pre-history ?

    b)   What do you mean by industry and assemblage ?

    c)   What are the main causes of Great Ice age ?

    d)   Write a short note on GIS.

7.   Answer any *six* of the following questions within 25-30 words each.   6 × 2 = 12

    a)   What do you mean by 'pre-history' ?

    b)   What is loess ?

    c)   Define Era.

    d)   What is site survey ?

    e)   Define Glaciation.

    f)   What is sondage ?

    g)   What is 'U' shaped valley ?

    h)   Define Artifact.

    i)   Define lattice defect.

    j)   What is Tree ring method of dating ?

8.   Choose the correct option from each question :   4 × 1 = 4

    a)   The 1st Interglacial period is known as.

        i)   Riss/Wurm   ii)   Mindel/Riss

        iii)   Gunz-Mindel   iv)   None of these.

b) Quaternary is

    i) Era   ii) Epoch

    iii) Period   iv) None of these.

c) Which of the following methods of dating is applied for a potsherd/pottery ?

    i) T.L. dating   ii) C14 dating

    iii) Dendrochronology   iv) None of these.

d) The uppermost layer of a terrace is

    i) oldest   ii) youngest

    iii) both (i) and (ii)   iv) none of these.

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