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1 SEM TDC GGRH (CBCS) C 1

2021

(Held in January/February, 2022)

GEOGRAPHY

(Core)

Paper : C-1

(Geomorphology and Biogeography)

Full Marks : 53

Pass Marks : 21

Time : 3 hours

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

1. Answer the following questions as directed :

1×5=5

(a) Name the Greek scholar who after having a close observation of depositional work of Nile postulated that 'Egypt was the gift of Nile.'

(b) Oxbow lake found in the flood plain is formed as a result of erosional/depositional work of fluvial processes.

(Choose the correct one)

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(Turn Over)



(2)

(c) Who for the first time coined the term 'Plate Tectonics' in 1965?

(d) 'Yardangs' are depositional landforms produced in Aeolian cycle of erosion.

(Write True or False)

(e) The 'B-horizon' of soil consists of sand, _____ and clay.

(Fill in the blank)

2. Write brief notes on any *two* of the following (each within 150 words) : $4 \times 2 = 8$

(a) Scope of geomorphology

(b) Primary and secondary waves of earthquake

(c) Geomorphic processes

(d) Scope of biogeography

3. Define weathering. Mention the factors that induce chemical weathering and discuss the resultant features produced by chemical weathering. $2+4+4=10$

Or

What do you mean by fold and fault? Describe with illustrations the types of fold and fault. $2+4+4=10$

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(Continued)

(3)

4. Give an account of the landforms produced as a result of erosional activities of karst topography. 10

Or

Give an account of the landforms developed due to depositional activities of glacial cycle of erosion.

5. Give an account of the world distribution of plants in relation to soil and climate. 10

Or

Discuss the role of vegetation and human activities in the world distribution of animals.

6. What do you mean by soil? Describe the soil forming processes. $2+8=10$

Or

Describe the major soil types of India. 10

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