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1 SEM TDC GGRH (CBCS) C 1

2024

(November)

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 as directed : 1×5=5

(a) The earthquake waves travel along the earth's interior in convex / concave / straight way.

(Choose the correct one)

(b) Which theory was developed due to the gravity anomaly of survey in Kalliana and Kalianpur in India?

(2)

(c) Stalactite and stalagmite are associated with aeolian / karst / glacial landform.

(Choose the correct one)

(d) The three major soil forming factors are parent material, relief and _____.

(Fill in the blank)

(e) Cirques are the depositional landform created by glacial activities.

(Write True or False)

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

(a) Fold and fault

(b) Weathering

(c) Glacial deposition

(d) Soil conservation

3. Define normal cycle of erosion. What are the three stages of cycle of erosion as stated by W. M. Davis? Explain the landforms associated with all the three stages of the cycle. $3+1+6=10$

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(Continued)

(3)

Or

How do the seismic waves help us in understanding about the interior of the earth? In this regard, explain about the interior structure of the earth in detail. $3+7=10$

4. What is isostasy? Explain the views of isostasy as forwarded by Airy and Pratt. $2+8=10$

Or

What is plate tectonics? With reference to the theory of plate tectonics, explain the origin of fold mountains. $4+6=10$

5. Give a brief account of the erosional and depositional landforms associated with the wind cycle of erosion. $5+5=10$

Or

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

6. Define zoogeographical region. Name the zoogeographical regions of the world. Explain any one of them in detail. $2+2+6=10$

Or

Explain the factors that affect the world distribution of natural vegetation. 10

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