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1 SEM TDC GGRH (CBCS) C 1

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(Nov/Dec)

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) Who first postulated the term 'geographical cycle'?
- (b) Which seismic wave can pass through solid layer of the earth's surface?
- (c) Name the American geologist who first coined the term 'isostasy'.

(2)

(d) 'Uvalas' are the erosional landforms found in _____ cycle of erosion.

(Fill in the blank)

(e) Name the book written by Dr. Marion Newbigin in 1936 through which biogeography is received as an independent sub-branch of geography.

2. Write brief notes on any *two* of the following (each **within 150 words**) :

4×2=8

(a) Nature of geomorphology

(b) Active volcano and dormant volcano

(c) Endogenetic forces

(d) Soil horizon

3. Describe with illustrations the movement of plates and its resultant effects.

10

Or

Describe the concept of isostasy with suitable diagram as proposed by Airy.

4. Give an account of the landforms produced as a result of erosional activities of aeolian cycle.

10

Or

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

(3)

5. Define biogeography. Discuss the scope and significance of biogeography. 3+7=10

Or

Discuss in detail the influence of climate on forest biome of the world. 10

6. What is meant by soil erosion? What factors induce soil erosion? Suggest some measures of soil conservation. 2+4+4=10

Or

Define soil. What are the major soil types based on formation of soil? Discuss any one of such soil types. 2+1+7=10

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