

Total No. of Printed Pages—3

1 SEM TDC GGRH (CBCS) C 1

2 0 2 3

(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) A. N. Strahler / W. D. Thornbury /
Arthur L. Bloom defined geomorphology
as "the systematic analysis of
landscapes and processes that change
them".

(Choose the correct one)

(b) Who is credited with coining the term
'plate' for the first time in 1965?

(2)

- (c) One of the most controlling factors of weathering is the composition and structure of rocks.

(Write True or False)

- (d) According to W. Penck, the uplift and denudation of landforms occur simultaneously.

(Write True or False)

- (e) Phytogeography is mainly concerned with the scientific study of plants, their distribution in space and over time and the environmental elements influencing this distribution.

(Write True or False)

2. Write brief notes on any *two* of the following :

4×2=8

- (a) Scope of geomorphology
(b) Types of folds
(c) Comparison of cycle of erosion between W. M. Davis and W. Penck
(d) Factors influencing world distribution of plants

24P/7

(Continued)

(3)

3. Describe in detail the interior of the earth with a suitable diagram. 10

Or

What is meant by folds and faults? Describe the different types of faults with suitable diagram. 2+8=10

4. Give an account of landforms produced as a result of depositional activities of glaciers. 10

Or

What is weathering? What are the different types of weathering? Describe elaborately any one type of weathering. 1+2+7=10

5. Describe, in detail, the Davisian cycle of erosion. 10

Or

Describe the erosional landforms produced by waves in the coastal areas. 10

6. Discuss the influence of climate and vegetation on world distribution of animals. 5+5=10

Or

Define soil. Describe the soil forming processes. 10

24P—3000/7

1 SEM TDC GGRH (CBCS) C 1