

M.A. (2022) (SEM/CR) CBCS Part-I Semester-II Examination: March/April-2023
Geography (Compulsory) Paper-V

GEOC25: Applied Geomorphology (New Pattern 2022)

Day and Date: Thursday, 11/05/2023

Total Marks: 60

Time: 3.30 PM To 5.30 PM

Instructions:

1. All Questions are Compulsory.
2. All Questions carry equal marks.
3. Figures to the right indicate full marks
4. Draw the diagram wherever necessary.
5. Allowed to use map stencil, if necessary

Q.1. Choose the Correct alternatives from the following.

15

- 1 How many successive stages of development of the slope profile
 1) Three 2) Four 3) Six 4) Two
- 2 Contours are wide apart in the lower part and are close together in the upper part is called-----
 slope.
 1) Concave 2) Convex 3) Gentle 4) Steep
- 3 Which scientist gives a slope decline view?
 1) Allen Wood 2) Walter Penck 3) W.M.Davis 4) L.C. King
- 4 Which scientist gives a slope replacement view?
 1) L.C. King 2) Walter Penck 3) Allen Wood 4) W.M.Davis
- 5 According to ----- landscape is a function of structure, process, and stage
 1) Walter Penck 2) W.M. Davis 3) L.C. King 4) Allen Wood
- 6 Who propounded the concept of geosynclines in 1859?
 1) James Hall 2) B.W. Sparks 3) Majid Huasian 4) Bloom A.L.
- 7 The word 'isostasy' was first proposed by American geologist-----
 1) C. Dutton 2) W.M.Davis 3) Griffith Taylor 4) Richard
 Hartshorne
- 8 In which year did Leopold Kober propound?
 1) 1924 2) 1899 3) 1925 4) 1889.
- 9 Himalaya Mountain is an example of -----.
 1) Block Mountain 2) Folded & Young Mountain c) Dome-Shaped Mountain d) None of the
 above
- 10 -----phase of mountain building is characterized by a gradual ascent of mountain
 ranges and denudation processes.
 1) Orogenesis 2) Lithogenesis 3) Gliptogenesis 4) None of these
- 11 COVID-19 is a -----disaster.
 1) Climatological 2) Biological 3) Terrorist attack 4) Metrological

12 Landslides often occur in-----

- 1) Desert region
- 2) Forest region
- 3) Tundra region
- 4) Hilly region

13 What is drought?

- 1) A period of below-average rainfall
- 2) Heavy rainfall for a long continuous period
- 3) Moderate rainfall for a long continuous period
- 4) None of the above

14 Which of the following is true? Flood warnings ----

- 1) Should not be released until the information is certain
- 2) Should indicate what the threat is, what action should be taken, by whom, and when
- 3) Are best if they come from a single source (for example, an internet website)
- 4) All of the above

15 Is a downward movement of wet soil along the slopes under the influence of gravity.

- 1) Creep
- 2) Lahars
- 3) Debris flow
- 4) Solifuction

Q.2. Write short Notes (Three out of Four) .

15

- 1 Merits and demerits of Davis's Cycle of Erosion
- 2 Elements of slope
- 3 Characteristics of Geosynclines
- 4 List of emergency kit: at the time of landslide

Q.3. Write short Answers (Three out of Four) .

15

- 1 What are the stages of the cycle of erosion to Davis?
- 2 Describe the Hayfords and Bowie's concept of Isostasy
- 3 Describe the effects of the flood.
- 4 What are the main causes of the Tsunami?

Q.4.. Answer the following question on broad. (One out of two).

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- 1 Distinguish between the cycle of erosion as developed by Davis and Penck.
- 2 Explain in detail the view of Airy and Pratt about isostasy.

Model Answer Paper

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Option 2

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Option 1

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Option 3
4 Which scientist gives a slope replacement view?

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Option 2
5 According to ----- landscape is a function of structure, process, and stage

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Option 2
6 Who propounded the concept of geosynclines in 1859?

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Option 3
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Option 2
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Option 4
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1 Merits and demerits of Davis's Cycle of Erosion

Ans:

2 Elements of slope

Ans:

3 Characteristics of Geosynclines

Ans:

4 List of emergency kit: at the time of landslide

Ans:

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Ans:

2 Describe the Hayfords and Bowie's concept of Isostasy

Ans:

3 Describe the effects of the flood.

Ans:

4 What are the main causes of the Tsunami?

Ans:

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Ans:

2 Explain in detail the view of Airy and Pratt about isostasy.

Ans:
