

Seat No.

**M.A. (SEM/CR) CBCS Part-I Semester-II Examination: October/November-2022**  
**Geography (Compulsory) Paper-V**  
**GEOC25: Applied Geomorphology**

**Day and Date: Friday, 16/12/2022**  
**Time: 10.30 AM To 12.30 PM**

**Total Marks: 60**

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

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

15

- 1 What are the factors for the origins of the primary slope?  
1) Tectonic 2) Depositional and Erosional 3) Human activity 4) All of the above
- 2 Which scientist gives a parallel slope development view?  
1) L.C. King 2) Walter Penck 3) W.M. Davis 4) Allen Wood
- 3 Which scientist gives a slope replacement view?  
1) L.C. King 2) Walter Penck 3) Allan Wood 4) W.M. Davis
- 4 In which year L. C. King proposed the slope retreat model?  
1) 1948 2) 1924 3) 1899 4) 1938
- 5 Who says tectonic forces are responsible for upliftment?  
1) Walter Penck 2) L.C. King 3) Allen Wood 4) W. M. Davis
- 6 Which type of mountain origin is due to magmatic intrusion?  
1) Block 2) Dome 3) Fold 4) None of these
- 7 What is the name of the mountain chain that runs the western margin of North America?  
1) Rocky 2) Andes 3) Alps 4) Himalayas
- 8 Himalaya mountain is an ideal example of -----.  
1) Polygeosyncline 2) Monogeosyncline 3) Mesogeosyncline 4) None of these
- 9 -----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

- 10 -----consist several mountain without definite arrangement  
 1) Mountain group    2) Mountain range    3) Mountain chain    4) Cordillera
- 11 Which among the following is not block mountain?  
 1) Black Forest Mountain range    2) Salt Range    3) Satpura Range    4) Ural Mountain
- 12 ----- known as the country of earthquakes.  
 1) Japan    2) China    3) Koriya    4) None of the above
- 13 Which instrument is recorded Seismic waves?  
 1) Theromograph    2) Barograph    3) Seismograph    4) None of the above
- 14 Richter scale is a-----.  
 1) Logarithmic scale    2) Calculus scale    3) Volumetric scale    4) Area-to-vibration ratio
- 15 Which type of volcano is highly explosive?  
 1) Hawaiian type    2) Strombolian type    3) Valcanian type    4) Peleean type

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

15

- 1 Graphical presentation of the cycle of erosion by Davis
- 2 Stages of cycle of erosion by Davis
- 3 Characteristics of geosynclines
- 4 Types of Seismic waves

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

15

- 1 Give the merits and demerits of the Penck cycle of erosion.
- 2 Define mountain and its characteristics
- 3 Explain the components of volcanoes with a diagram.
- 4 Describe the extrusive landforms associated with volcanoes.

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

15

- 1 Compare the contrast the cycle of erosion of Davis and Penck. Distinguish between the cycle of erosion as developed by Davis and Penck.
  - 2 Define an earthquake and describe the causes of the earthquake.
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## **Model Answer Paper**

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Option 4

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Option 1

3 Which scientist gives a slope replacement view?

- 1) L.C. King 2) Walter Penck 3) Allan Wood 4) W.M.Davis

Option 2

4 In which year L. C. King proposed the slope retreat model?

- 1) 1948 2) 1924 3) 1899 4) 1938

Option 1

5 Who says tectonic forces are responsible for upliftment?

- 1) Walter Penck 2) L.C. King 3) Allen Wood 4) W. M.Davis

Option 1

6 Which type of mountain origin is due to magmatic intrusion?

- 1) Block 2) Dome 3) Fold 4) None of these

Option 2

7 What is the name of the mountain chain that runs the western margin of North America?

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Option 1

8 Himalaya mountain is an ideal example of -----.

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Option 2

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Option 3

10 -----consist several mountain without definite arrangement

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Option 1

11 Which among the following is not block mountain?

- 1) Black Forest Mountain range 2) Salt Range 3) Satpura Range 4) Ural Mountain

Option 4

12 ----- known as the country of earthquakes.

- 1) Japan 2) China 3) Koriya 4) None of the above

Option 1

13 Which instrument is recorded Seismic waves?

- 1) Thermograph 2) Barograph 3) Seismograph 4) None of the above

Option 3

14 Richter scale is a-----.

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Option 1

15 Which type of volcano is highly explosive?

- 1) Hawaiian type 2) Strombolian type 3) Valcanian type 4) Peleean type

Option 4

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

15

1 Graphical presentation of the cycle of erosion by Davis

Ans:

2 Stages of cycle of erosion by Davis

Ans:

3 Characteristics of geosynclines

Ans:

4 Types of Seismic waves

Ans:

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

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Ans:

2 Define mountain and its characteristics

Ans:

3 Explain the components of volcanoes with a diagram.

Ans:

4 Describe the extrusive landforms associated with volcanoes.

Ans:

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

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1 Compare the contrast the cycle of erosion of Davis and Penck. Distinguish between the cycle of erosion as developed by Davis and Penck.

Ans:

2 Define an earthquake and describe the causes of the earthquake.

Ans:

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