

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

**GEOC21: Fundamentals of Geomorphology (New Pattern 2022)**

**Day and Date: Friday, 28/04/2023**

**Total Marks: 60**

**Time: 10.30 AM To 12.30 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 What is the evidence in favors of the Continental Drift theory?  
 1) Evidence of geodesy 2) fault 3) fold 4) Mantle
- 2 Which landforms are included in the second order categories?  
 1) Continents 2) Ocean 3) Mountain, Plain and Plateau 4) Delta
- 3 Which scientist the term 'Plate Tectonic' was first used in 1965, University of Toronto?  
 1) Tuzo Wilson 2) W. J. Morgan 3) Leopold Kober 4) James Hutton
- 4 Who proposed the theory of seafloor spreading in 1960's?  
 1) Gilbert 2) Davis 3) Powell 4) Hary Hess
- 5 Who first give the classification of landforms in 1919?  
 1) R. D. Salisbury 2) Wegener 3) Penck 4) R.E. Horton
- 6 Wave like bends from in the crustal rocks due to compressive force in interior of the earth called.....  
 1) Fault 2) Crack 3) Fold 4) Rapture
- 7 The forces that act upon the earth are called .....forces.  
 1) Endogenetic 2) Exogenetic 3) Slow 4) None of these
- 8 Epeirogenetic movements are .....movement.  
 1) Vertical 2) Horizontal 3) Parallel 4) None of these
- 9 When liquid water freezes:  
 1) It does not change in volume 2) It expands by 5% volume  
 3) It expands by 9% volume 4) It decreases in volume
- 10 Which of the following conditions promotes slow chemical weathering?  
 1) Cold temperature 2) Thick soil 3) High rainfall 4) Fracturing
- 11 Mushroom rock is one of the erosional features of .....erosion.  
 1) Sea wave 2) Wind 3) River 4) Glacial

- 12 .....is the physical removal and transportation of weathered material by water, wind, ice, or gravity.
- 1) Weathering 2) Erosion 3) Warping 4) Folding
- 13 Barchans are formed by.....action.
- 1) Wind 2) Fluvial 3) Karst 4) Glacier
- 14 Two glaciers cutting head ward from opposite directions form a.....
- 1) Col 2) Cirque 3) Esker 4) Dolines
- 15 .....is the movement of a large mass of rock, soil, and debris downward due to the pulling of gravity.
- 1) Erosion 2) Mass wasting 3) Weathering 4) None of these

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

15

- 1 Major and Minor plates
- 2 Geographical Evidence (Jig saw fit)
- 3 Processes of physical weathering
- 4 Meanders and Ox-bow lake

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

15

- 1 Describe the effects of convergent plate boundaries.
- 2 Which factors are responsible for mass wasting?
- 3 Distinguish between alluvial fans and alluvial cones.
- 4 What are the types of glaciers?

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

15

- 1 Describe the characteristics of land and water distribution on the earth.
  - 2 Describe the depositional landforms of glaciers.
-

## Model Answer Paper

---

**M.A. (2022) (SEM/CR) CBCS Part-I Semester-I Examination: March/April-2023**

**Geography (Compulsory) Paper-I**

**GEOC21: Fundamentals of Geomorphology (New Pattern 2022)**

**Day and Date: Friday, 28/04/2023**

**Total Marks: 60**

**Time: 10.30 AM To 12.30 PM**

---

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

15

1 What is the evidence in favors of the Continental Drift theory?

- 1) Evidence of geodesy 2) fault 3) fold 4) Mantle

Option 1

2 Which landforms are included in the second order categories?

- 1) Continents 2) Ocean 3) Mountain, Plain and Plateau 4) Delta

Option 3

3 Which scientist the term 'Plate Tectonic' was first used in 1965, University of Toronto?

- 1) Tuzo Wilson 2) W. J. Morgan 3) Leopold Kober 4) James Hutton

Option 1

4 Who proposed the theory of seafloor spreading in 1960's?

- 1) Gilbert 2) Davis 3) Powell 4) Hary Hess

Option 4

- 5 Who first give the classification of landforms in 1919?  
1) R. D. Salisbury 2) Wegener 3) Penck 4) R.E. Horton

Option 1

- 6 Wave like bends in the crustal rocks due to compressive force in interior of the earth called.....  
1) Fault 2) Crack 3) Fold 4) Rapture

Option 3

- 7 The forces that act upon the earth are called .....forces.  
1) Endogenetic 2) Exogenetic 3) Slow 4) None of these

Option 2

- 8 Epeirogenetic movements are .....movement.  
1) Vertical 2) Horizontal 3) Parallel 4) None of these

Option 1

- 9 When liquid water freezes:  
1) It does not change in volume 2) It expands by 5% volume  
3) It expands by 9% volume 4) It decreases in volume

Option 3

- 10 Which of the following conditions promotes slow chemical weathering?  
1) Cold temperature 2) Thick soil 3) High rainfall 4) Fracturing

Option 1

- 11 Mushroom rock is one of the erosional features of .....erosion.  
1) Sea wave 2) Wind 3) River 4) Glacial

Option 2

- 12 .....is the physical removal and transportation of weathered material by water, wind, ice, or gravity.  
1) Weathering 2) Erosion 3) Warping 4) Folding

Option 2

- 13 Barchans are formed by.....action.  
1) Wind 2) Fluvial 3) Karst 4) Glacier

Option 1

- 14 Two glaciers cutting head ward from opposite directions form a.....  
1) Col 2) Cirque 3) Esker 4) Dolines

Option 2

- 15 .....is the movement of a large mass of rock, soil, and debris downward due to the pulling of gravity.  
1) Erosion 2) Mass wasting 3) Weathering 4) None of these

Option 2

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

15

- 1 Major and Minor plates

Ans:

- 2 Geographical Evidence (Jig saw fit)

Ans:

- 3 Processes of physical weathering

Ans:

- 4 Meanders and Ox-bow lake

Ans:

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

15

1 Describe the effects of convergent plate boundaries.

Ans:

2 Which factors are responsible for mass wasting?

Ans:

3 Distinguish between alluvial fans and alluvial cones.

Ans:

4 What are the types of glaciers?

Ans:

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

15

1 Describe the characteristics of land and water distribution on the earth.

Ans:

2 Describe the depositional landforms of glaciers.

Ans:

\*\*\*\*\*