



GEOGRAPHY

BOOKS - FULL MARKS GEOGRAPHY (HINGLISH)

GEOMORPHIC PROCESSES

Ncert Textbook Questions With Answers

1. Which one of the following processes is a gradational process?

A. Deposition

B. Diastrophism

C. Volcanism

D. Erosion

Answer: D



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2. Which one of the following materials is affected by hydration process?

A. Granite

B. Clay

C. Quartz

D. Salts

Answer: D



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3. Debris avalanche can be included in the category of:

A. Landslides

B. Slow flow mass movements

C. Rapid flow mass movements

D. Subsidence

Answer: C



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4. It is weathering that is responsible for biodiversity on the earth. How?



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5. What are mass movements that are real rapid and perceptible? List



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6. What are the various mobile and mighty exogenic geomorphic agents and what is the prime job they perform?



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7. Is weathering essential as a pre-requisite in the formation of soils? Why?



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8. "Our earth" is a playfield for two opposing groups of geomorphic processes. Discuss.



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9. Exogenic geomorphic processes derive their ultimate energy from the sun's heat. Explain.



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10. Are physical and chemical weathering processes independent of each other? If not, why? Explain with examples.



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11. How do you distinguish between the process of soil formation and soil-forming factors? What is the role of climate and biological activity as two important control factors in the formation of soils?



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Additional Questions With Answers | Multiple Choice Questions

1. Which of the following is a type of mass movement?

- A. Slow movements
- B. Rapid movements
- C. Landslides
- D. All the above

Answer: D



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2. Which of the following is not a cause of soil erosion?

A. Rock Material

B. Landform

C. Climate

D. Deposition

Answer: D



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3. Which of the following is a form of weathering?

A. Physical

B. Chemical

C. Biological

D. All the Above

Answer: D



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4. What term is used for the reaction of carbonate and bicarbonate with minerals?

- A. Carbonate
- B. Carbonation
- C. Carbolic
- D. All the above

Answer: B



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5. Weathering is important for:

A. Air

B. National economy

C. Climate

D. Earth

Answer: B



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6. Which type of weathering occurs due to growth of ice within pores and cracks of rocks during repeated cycles of freezing and melting?

A. Frost weathering

B. Landslides

C. Water weathering

D. Crystallisation

Answer: A



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7. Which of the following is an example of endogenic forces?

A. Erosion

B. Volcanism

C. Weathering

D. Balance

Answer: B



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8. Which of the following is not associated with diastrophism?

- A. Orogenic processes
- B. Epeirogenic processes
- C. Plate tectonics
- D. Balance

Answer: D



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9. Which of the following is a systematic process?

A. Weathering

B. Diastrophism

C. Volcanism

D. Balanced Erosion

Answer: D



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10. What are geomorphic cause of erosion ?

A. Flowing water

B. Underground water

C. Air

D. All the above

Answer: D



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11. Which of the following process is not associated with physical weathering?

A. Frost wedging

B. Expansion

C. Carbonation

D. Thawing

Answer: C



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12. All earth materials having a sloping surface and tend to produce movement of matter in down slope direction. It is called:

A. Soil erosion

B. Landslides

C. Volcanism

D. Slump

Answer: A



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13. Which of the following is affected by hydration ?

A. Granite

B. Soil

C. Quatrz

D. Rocks

Answer: B



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14. Where does oxidation take place?

A. Where there is ready access to the atmosphere and oxygenated waters.

B. Where there are plants.

C. Where there is moisture in air.

D. In mountainous regions.

Answer: A



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Additional Questions With Answers | Table Based Question

1. Complete the following table by writing appropriate answer:



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Additional Questions With Answers | Very Short Answer Type Questions

1. What kind of changes are brought by internal forces?



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2. What is done by external forces?



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3. What are geomorphic processes?



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4. What is weathering?



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5. What is denudation?



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6. How do weathering activities work?



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7. What are different types of weathering activities?



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8. How can you classify mass movements?



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9. Types of Movement



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10. What do you mean by reduction?



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11. Physical weathering depends on some applied forces. What are these?



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12. Where does oxidation occur? Which minerals get affected by oxidation?

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13. What are the climatic factors involved in the formation of soil?

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14. What are geomorphic agents?



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15. What do you mean by stress?



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16. Why is weathering of rocks important for economy?



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17. What are tors?



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18. When does frost weathering takes place?



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19. What is enrichment?



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20. What factors are helpful in mass movement?



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21. What do you mean by mudflow?



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22. What is soil erosion?



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23. Define Gradation?



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24. What is meant by geomorphic process?



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25. What are geomorphic agents? Give examples?



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26. What is meant by diastrophism?



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27. What do the word volcanism and volcano indicate?



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Additional Questions With Answers Iii Short Answer Type Questions

1. What factors have caused diastrophism?



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2. Why is the surface of the earth uneven?



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3. What factors activate the process of mass movement?

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4. How does biological weathering take place?

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5. Deposition is the result of erosion. Explain.

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6. Without gravity and gradient will there be no erosion?



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7. What is the importance of weathering?



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8. Mention the factors which results in mass movement.



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9. Explain the mass movements which are slow.



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10. Why are parent material and time considered as passive control factors in soil

formation?



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11. Write the difference between:

(i) Exogenic and endogenic forces

(ii) Orogenic movements and epeirogenic

movements (iii) Physical weathering and

chemical weathering vertical cliffs or steep

slopes, abundant precipitation and torrential

rains and scarcity of vegetation etc. favour

mass movements.



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Additional Questions With Answers V Diagram Based Questions

1. Study the chart flow given below and answer the questions that follow :



(i) What do you mean by mass movement.



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2. Study the chart flow given below and answer the questions that follow :



(ii) What are the activating causes precede of mass movements ?



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Additional Questions With Answers Vi Long Answer Type Questions

1. What are different types of mass movements?



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2. Explain different types of chemical weathering.



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3. Explain different types of physical weathering.



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4. Explain about erosion and deposition.



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Additional Questions With Answers Vi Hots Questions

1. Is it essential to distinguish between geomorphic agents and geomorphic processes? If yes, explain the difference.



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2. What is the sole driving force behind all the exogenic processes? Explain how?



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3. Do you think that slopes or gradients are created by tectonic forces? Why?



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4. "All corners of the earth do not have same slope". Why?



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5. Time and parent material play a passive role in soil formation. Do you agree? Justify.



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