

## Geomorphic Processes

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### I. Choose the correct answer

Question 1.

The branch of science which deals with the study of soil is

- (a) Geology
- (b) Pedology
- (c) Zoology
- (d) none of them

▼ [Answer](#)

Answer: (b) Pedology

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Question 2.

Enrichment of water with nutrients, primarily phosphorus, causing abundant aquatic plant growth is known as

- (a) Humification
- (b) Diastrophism
- (c) Eutrophication
- (d) none of these

▼ [Answer](#)

Answer: (c) Eutrophication.

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Question 3.

Vertical section of the soil through all its horizons and extending into the parent material is called

- (a) Soil profile
- (b) Rock profile
- (c) Mantle
- (d) Crustle

▼ [Answer](#)

Answer: (a) Soil profile.

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Question 4.

The mineral which makes the saline soil useful for crops

- (a) calcium
- (b) potassium
- (c) gypsum
- (d) silica

▼ [Answer](#)

Answer: (c) gypsum.

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Question 5.

Which soil layer is approximately parallel to the soil surface

- (a) Soil horizon
- (b) Mantle
- (c) both of them
- (d) none of them

▼ [Answer](#)

Answer: (a) Soil horizon.

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Question 6.

Name the process by which clay or other fine particles go down the soil profile

- (a) Eluviation
- (b) illuviation
- (c) Leaching
- (d) Salinisation

▼ [Answer](#)

Answer: (a) Eluviation.

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Question 7.

Name the process by which the material is washed down in . the lower horizon of the soil profile :

- (a) Eluviation
- (b) Illuviation
- (c) Leaching
- (d) none of these

▼ [Answer](#)

Answer: (b) Illuviation.

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Question 8.

What process causes the removal and downward movement of material from horizon in solution?

- (a) Leaching
- (b) Illuviation
- (c) Eluviation
- (d) none of these

▼ [Answer](#)

Answer: (a) Leaching.

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Question 9.

The earth has moved and moves

- (a) Horizontally

- (b) Vertically
- (c) both of them
- (d) none of them

▼ [Answer](#)

Answer: (c) both of them.

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Question 10.

The earth's surface receives energy from

- (a) sun
- (b) moon
- (c) stars
- (d) interior gases

▼ [Answer](#)

Answer: (a) sun.

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Question 11.

Which forces results in the wearing down/degradation of relief?

- (a) Endogenetic forces
- (b) Exogenetic forces
- (c) both of them
- (d) none of them

▼ [Answer](#)

Answer: (b) Exogenetic forces.

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Question 12.

Name the forces which build up parts of the earth's surface

- (a) Endogenetic forces
- (b) Exogenetic forces
- (c) Gravitation force
- (d) none of these

▼ [Answer](#)

Answer: (a) Endogenetic forces.

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Question 13.

Which force helps in the geomorphic processes?

- (a) Endogenetic force
- (b) Exogenetic force
- (c) both of them
- (d) none of them

▼ [Answer](#)

Answer: (c) both of them.

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Question 14.

Which is the exogenetic element?

- (a) water
- (b) ice
- (c) wind
- (d) all of them

▼ [Answer](#)

Answer: (d) all of them.

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Question 15.

Which one is known as mobile medium?

- (a) running water
- (b) moving ice
- (c) wind
- (d) all of these

▼ [Answer](#)

Answer: (d) all of these.

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Question 16.

Name the force which causes stress on the earth materials?

- (a) Endogenetic force
- (b) Gravity force
- (c) Exogenetic force
- (d) none of these

▼ [Answer](#)

Answer: (b) Gravity force.

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Question 17.

Which one is known as geomorphic agent?

- (a) ground water
- (b) glaciers
- (c) waves
- (d) all of them

▼ [Answer](#)

Answer: (d) all of them

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Question 18.

The movement of molten rock toward the earth's surface is known as:

- (a) Diastrophism
- (b) Geomorphism

- (c) Volcanism
- (d) none of these

▼ [Answer](#)

Answer: (a) Volcanism

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Question 19.

Denudation is:

- (a) weathering
- (b) mass wasting
- (c) erosion
- (d) all of them

▼ [Answer](#)

Answer: (d) all of them

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Question 20.

Weathering is an process

- (a) Exogenetic
- (b) Endogenetic
- (c) Volcanism
- (d) none of these

▼ [Answer](#)

Answer: (a) Exogenetic

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Question 21.

In which process chemical addition of water takes place?

- (a) Solution
- (b) Hydration
- (c) Oxidation
- (d) Carbonation

▼ [Answer](#)

Answer: (b) Hydration

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Question 22.

Exfoliation can occur due to

- (a) Expansion
- (b) contraction
- (c) none of these
- (d) both of these

▼ [Answer](#)

Answer: (d) both of these

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Question 23.

By which force is the mass movement aided?

- (a) gravity
- (A) running water
- (c) wind
- (d) waves

▼ [Answer](#)

Answer: (a) gravity

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Question 24.

How many groups are there for mass movements?

- (a) three
- (A) four
- (c) six
- (d) two

▼ [Answer](#)

Answer: (a) three

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Question 25.

In our country, where the debris avalanche and landslides occur frequently?

- (a) Northern plains
- (A) Western Ghats
- (c) Deccan Plateau
- (d) Himalayas

▼ [Answer](#)

Answer: (d) Himalayas

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## II. Fill up the blanks with suitable words

Question 1.

The external forces are known as ..... and the internal forces are known as ..... forces.

▼ [Answer](#)

Answer: exogenetic, endogenetic

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Question 2.

....., ....., ..... are exogenetic demerits.

▼ [Answer](#)

Answer: Water, ice, wind

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Question 3.

..... is a directional force causing stresses on the earth materials.

▼ [Answer](#)

Answer: Gravity

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Question 4.

..... is a mountain building process whereas ..... is a continental building process.

▼ [Answer](#)

Answer: Orogeny, epeirogeny

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Question 5.

Denudation means to .....

▼ [Answer](#)

Answer: strip off

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Question 6.

Weathering is an important ..... process.

▼ [Answer](#)

Answer: exogenetic

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Question 7.

..... is the reaction of carbonates and bicarbonates with minerals.

▼ [Answer](#)

Answer: Carbonation

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Question 8.

Red colour of iron on oxidation turns to ..... or .....

▼ [Answer](#)

Answer: brown, yellow

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Question 9.

Salts in rocks expand due to ....., ..... and .....

▼ [Answer](#)

Answer: hydration, thermal action, crystallisation

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Question 10.

..... are aided by gravity and not by geomorphic agents.

▼ [Answer](#)

Answer: Mass movements

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