Geomorphic Processes

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

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.

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.

Question 4.

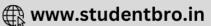
The mineral which makes the saline soil useful for crops

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

▼ Answer

Answer: (c) gypsum.





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.

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.

Question 7.

Name the process by which the material is washed down in . the lower horizon of the soil profile $\dot{}$

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

▼ Answer

Answer: (b) Illuviation.

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

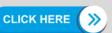
▼ Answer

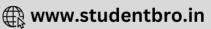
Answer: (a) Leaching.

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.

Question 10.

The earth's surface receives energy from

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

▼ Answer

Answer: (a) sun.

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.

Ouestion 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.

Question 13.

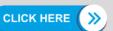
Which force helps in the geomorphic processes?

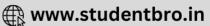
- (a) Endogenetic force
- (b) Exogenetic force
- (c) both of them
- (d) none of them

▼ Answer

Answer: (c) both of them.







Question 14.

Which is the exogenetic element?

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

▼ Answer

Answer: (d) all of them.

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.

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.

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

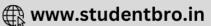
Question 18.

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

Question 19.

Denudation is:

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

▼ Answer

Answer: (d) all of them

Question 20.

Weathering is an process

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

▼ Answer

Answer: (a) Exogenetic

Question 21.

In which process chemical addition of water takes place?

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

▼ Answer

Answer: (b) Hydration

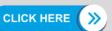
Question 22.

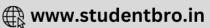
Exfoliation can occur due to

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

▼ Answer

Answer: (d) both of these





Question 23. By which force is the mass movement aided? (a) gravity (A) running water (c) wind (d) waves ▼ Answer Answer: (a) gravity Question 24. How many groups are there for mass movements? (a) three (A) four (c) six (d) two ▼ Answer Answer: (a) three 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 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

Question 2.

....., are exogenetic demerits.

▼ Answer

Answer: Water, ice, wind





Question 3 is a directional force causing stresses on the earth materials.
▼ Answer
Answer: Gravity
Question 4 is a mountain building process whereas is a continental building process.
▼ Answer
Answer: Orogeny, epeirogeny
Question 5. Denudation means to
▼ Answer
Answer: strip off
Question 6. Weathering is an important process.
▼ Answer
Answer: exogenetic
Question 7 is the reaction of carbonates and bicarbonates with minerals.
▼ Answer
Answer: Carbonation
Question 8. Red colour of iron on oxidation turns to or
▼ Answer
Answer: brown, yellow
Question 9. Salts in rocks expand due to and
▼ Answer
Answer: hydration, thermal action, crystallisation





Question 10.

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

▼ Answer

Answer: Mass movements

