Interior of the Earth of the Earth

I. Choose the correct answer

Question 1. What are constantly shaping the landscape? (a) exogenic processes (b) endogenic processes (c) both of them (d) none of them

▼ Answer

Answer: (c) both of them.

Question 2. What is the radius of earth? (a) 6370 km (b) 6360 km (c) 6380 km (d) 636 km

▼ Answer

Answer: (a) 6370 km.

Question 3.

Which one is the direct source of providing information about the interior of the earth?

- (a) Deep Ocean Drilling Project
- (b) Volcanic eruptions
- (c) Integrated Ocean Drilling Project
- (d) all of them

▼ Answer

Answer: (d) all of them.

Question 4.

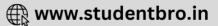
Which one is the indirect source of providing information about the interior of the earth?

- (a) volcanic eruption
- (b) gravitational force
- (c) drilling projects
- (d) Ocean Integrated Drilling Project

Answer

Answer: (b) gravitational force.





Question 5. The temperature and pressure increases through (a) mining

- (b) drilling
- (c) volcanic
- (d) gravitational
- - -

Answer

Answer: (a) mining.

Question 6.

The gravitation force (g) at different latitudes on the surface is

(a) same

(b) different

- (c) decreases towards the poles
- (d) increases towards the equator

▼ Answer

Answer: (b) different.

Question 7. Earthquake is (a) shaking of the earth (b) release of heat (c) evolution of gases (d) none of them

▼ Answer

Answer: (a) shaking of the earth.

Question 8.

Name the point from which energy is released?

- (a) core
- (b) mantle
- (c) focus
- (d) body

▼ Answer

Answer: (c) focus.

Question 9.

What is called the point on the surface?

- (a) Hypocentre
- (b) Focus
- (c) Epicentre
- (d) Body centre





Answer

Answer: (c) Epicentre.

Question 10.

Which instrument records the waves reaching the surface?

(a) Seismograph

(b) Richter scale

(c) Demograph

(d) none of these

▼ Answer

Answer: (a) Seismograph.

Question 11. Earthquake waves are of types (a) two (b) three (c) five (d) four

Answer

Answer: (a) two

Question 12. How many types of Body waves are there? (a) two (b) five (c) four (d) six

▼ Answer

Answer: (a) two.

Question 13. Which wave moves faster to arrive at the surface? (a) 'P' (b) 'S' (c) 'P' and 'S' (d) none of these

▼ Answer

Answer: (a) 'P'.

Question 14. Which wave moves slowly to arrive at the surface?

Get More Learning Materials Here : 📕

R www.studentbro.in

(a) P(b) S(c) surface waves(d) body waves

▼ Answer

Answer: (b) S.

Question 15.

In w hat form the seismograph gives the record of the waves?

- (a) frequency
- (b) amplitude
- (c) both of them
- (d) none of them

▼ Answer

Answer: (c) both of them.

Question 16.

Which waves are most destructive?

- (a) body waves
- (b) surface waves
- (c) P-waves
- (d) S-waves

▼ Answer

Answer: (b) surface waves.

Question 17. Surface waves are classified into (a) Love (b) Rayleigh (c) both (d) none of these

▼ Answer

Answer: (c) both

Question 18. What type of earthquake is generated due to sliding of rocks?

- (a) Reservoir induced
- (b) Tectonic
- (c) Explosion
- (d) Collapse
- ▼ Answer





Answer: (b) Tectonic.

Question 19.

The tremors which occur due to the explosion of chemical or nuclear devices are called (a) Collapse

(b) Explosion

(c) Volcanic

(d) Tectonic

▼ Answer

Answer: (b) Explosion.

Question 20. The magnitude of an earthquake is measured on (a) Seismograph (b) Richter scale (c) none of these (d) both of these

▼ Answer

Answer: (b) Richter scale.

Question 21. The magnitude is expressed in absolute number (a) 0 to 10 (b) 1 to 12 (c) 0 to 12 (d) 1 to 10

▼ Answer

Answer: (a) 0 to 10.

Question 22. What generates the tsunami waves? (a) earthquake (b) tremors (c) volcanic eruption (d) meteor

Answer

Answer: (b) tremors.

Question 23. What is the velocity of 'P' waves? (a) 5-6 km/s (b) 10-20 km/s





(c) 1-3 km/s (d) 8-10 km/s

Answer

Answer: (a) 5-6 km/s.

Question 24.

The outermost part of the solid earth is known as

- (a) core
- (b) crust
- (c) mantle
- (d) none of these

▼ Answer

Answer: (b) crust.

Question 25.

What is the mean density of material in oceanic crust?

- (a) 3 g/cm³
- (b) 2.7 g/cm³
- (c) 1 g/cm³
- (d) 3.8 g/cm³

▼ Answer

Answer: (b) 2.7 g/cm³

Question 26.

Which material reaches the ground during volcanic eruptions?

- (a) gases
- (b) sulphur compounds
- (c) nitrogen compounds
- (d) all of them

▼ Answer

Answer: (d) all of them.

II. Fill up the blanks with suitable words

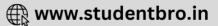
Question 1.

..... from South Africa are as deep as 3-4 km.

▼ Answer

Answer: Gold mines





▼ Answer

Answer: Meteors

Question 3.

The other indirect sources include and

▼ Answer

Answer: gravitation, magnetic field, seismic activity

Question 4.

The point where the energy is released is called

▼ Answer

Answer: focus

Question 5.

..... are generated due to the release of energy at the focus.

▼ Answer

Answer: Body waves

Question 6.

..... are also called primary waves.

▼ Answer

Answer: 'P' waves

Question 7.

..... gives the record of the waves in the form of frequency and amplitude of incoming waves.

▼ Answer

Answer: Seismograph

Question 8. The region where earthquake waves are not recorded is known as

▼ Answer

Answer: shadow zone





Question 9. A special tectonic earthquake is recognised as

▼ Answer

Answer: volcanic earthquake

Question 10. Oceanic crust is as compared to the crust.

▼ Answer

Answer: thinner, continental



