

1. Which one among the following rocks does not belong to the same group?

Shale

Limestone

Slate

Sandstone

Answer (c). Slate is a metamorphic rock while others are sedimentary rocks.

2. The Deccan Trap Formation was caused by

Shield eruption

Composite eruption

Caldera eruption

Flood basalt eruption

Answer (a).

3. In which among the following terrains the bore wells and canals can be dug easily?

Gneiss, granites and basaltic terrain of Peninsular India

Rolling and dotted hilly terrain of North-east India

Soft alluvium of the Northern Plains

Confined aquifer below the normal water table

Answer (c).

4. The Damuda series of Gondwana system has three stages, namely, Raniganj, Barren Rocks and Barakar. The middle stage is called Barren because

it consists of coal and not iron

it consists of iron and not coal

it consists of neither coal nor iron

it is a sedimentary layer consisting of shale and clay

Answer (d).

5. Which of the following statements is/are correct?

The major constituent mineral of granite rock is quartz.

The major constituent mineral of sandstone rock is feldspar.

The major constituent mineral of limestone rock is dolomite.

Select the correct answer using the code given below:

1, 2 and 3

3 only

1 and 2 only

2 and 3 only

Answer (a).

6. Which one among the following is a primary rock?

Sedimentary

Igneous

Metamorphic

None of the above

Answer (b).

7. Which of the following statements regarding the Deccan Trap is/are correct?

Intense volcanic activity in the form of fissure eruption took place towards the end of Cretaceous period

The volcanic lava spread out in horizontal sheets

The regur soil found here is rich in nitrogen

Select the correct answer using the code given below:

1 and 2 only

1, 2 and 3

3 only

1 only

Answer (a).

8. Consider the following statements about rocks:

Shale becomes Slate through metamorphosis

Shale is converted to Slate when it is subjected to tremendous pressure and high temperature

Which of statements given above is/are correct?

1 only

2 only

Both 1 and 2

Neither 1 nor 2

Answer (a). Slate is formed from shale through low-grade metamorphism.

9. Which one of the following is generally found in sedimentary rocks?

Basalt

Silica

Shale

Magnesium

Answer (b).

10. The earth's crust is the thinnest

under the mountain ranges

under continental masses

at ocean bottoms

at mid-oceanic ridges

Answer (c).

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