

Soil – cl 10

Choose the correct option

Question 1

Which of the following constituents would you add to your garden to increase the fertility to the soil?

1. Silica
2. Humus
3. Clay
4. Sand

Answer

Humus

Question 2

Which of the following are the characteristics of fertile soil?

1. Adequate amount of moisture
2. Rich in nutrients
3. Organic matter
4. All of the above.

Answer

All of the above

Question 3

You had gone to a village near Patna. When you enquired about the type of soil you were told, it was ex situ. Which of the following is it?

1. Alluvial soil
2. Laterite soil
3. Red soil
4. Black soil.

Answer

Alluvial soil

Question 4

Which of the following soils vary from place to place on the basis of the parental rocks and climatic conditions?

1. Black soil
2. Laterite soil
3. Alluvial soil
4. Red soil.

Answer

Red soil

Question 5

Assertion (A): Transported soils do not have a well defined soil profile.

Reason (R): They constitute soils that are transported by various agents of erosion.

1. Both A and R are true and R is the correct explanation of A.
2. Both A and R are true but R does not explain A.
3. A is true but R is false.
4. A is false but R is true.

Answer

Both A and R are true and R is the correct explanation of A.

Question 6

Farmers plant trees in several rows to check soil erosion by

1. floods
2. winds
3. drought
4. heavy rains

Answer

winds

Question 7

Alluvial soil is rich in which of the following minerals?

1. Iron
2. Nitrogen
3. Phosphorus
4. None of the above.

Answer

None of the above

Question 8

Assertion (A): The Northern Plains comprises riverine soil.

Reason (R): Riverine soil is a mixture of sand, clay and silt.

1. Both A and R are true and R is the correct explanation of A.
2. Both A and R are true but R does not explain A.
3. A is true but R is false.
4. A is false but R is true.

Answer

Both A and R are true and R is the correct explanation of A.

Question 9

Red soil gets its name from

1. its colour
2. its ferric oxide content
3. Both (1) and (2)
4. None of the above.

Answer

Both (1) and (2)

Question 10

Black soil is also known as

1. Bhangar
2. Khadar
3. Regur
4. Leached

Answer

Regur

Question 11

Laterite soil is mainly found in the highland areas of

1. the Himalayas
2. the Peninsular Plateau
3. the Aravalli Range
4. the Karakoram Range

Answer

the Peninsular Plateau

Question 12

Why is Black soil highly moisture retentive?

1. It has fifty per cent of clay content
2. It is formed of weathered lava rocks
3. It has high quantities of lime
4. All of the above.

Answer

It has fifty per cent of clay content

Question 13

Which of the following soils forms the second largest soil group in India?

1. Black soil
2. Red soil
3. Yellow soil
4. Brown soil

Answer

Red soil

Question 14

Assertion (A): Laterite soils are rich in alumina and iron oxide, but are infertile.

Reason (R): Soluble plant food like potash are leached into the soil.

1. Both A and R are true and R is the correct explanation of A.
2. Both A and R are true but R does not explain A.
3. A is true but R is false.
4. A is false but R is true.

Answer

Both A and R are true and R is the correct explanation of A.

Question 15

Which of the following is correct about the Laterite soil?

1. It is the residual soil.
2. It is formed by leaching due to tropical rains.
3. Humus content of the soil is removed by bacteria.
4. All of the above.

Answer

All of the above

Question 16

What is the feel and consistency of soil called?

1. Soil profile
2. Soil texture
3. Soil fertility
4. Soil arability

Answer

Soil texture