

8th Social Science Lesson 16 Questions in English - Geography

1. Rocks And Soils

1. Which of the following is not realms of earth?
 - a) Biosphere
 - b) Atmosphere
 - c) Photosphere
 - d) Lithosphere
2. Which is the upper most and significant layer of the earth?
 - a) Lithosphere
 - b) Stratosphere
 - c) Mesosphere
 - d) Hydrosphere
3. What is the meaning of word 'LITHOSPHERE'
 - a) The sphere of earth
 - b) The sphere of mountain
 - c) The sphere of sand
 - d) The sphere of rock
4. Which of the following statement is correct
 - 1) The rocks are the solid mineral materials forming a part of the surface of the earth and other similar planets.
 - 2) The earth's crust is composed of water(hydrosphere)
 - a) Only 1
 - b) Only 2
 - c) Both 1 and 2
 - d) None
5. How many basic minerals commonly found all over the earth?
 - a) 18
 - b) 12
 - c) 20
 - d) 16
6. Which of the following statement is incorrect?
 - 1) Rock is an important natural resource and is found in solid state. It may be hard or soft in nature
 - 2) Minerals are chemical substances Which exist in nature. They may occur either in the form of elements or compounds.
 - a) Only 1
 - b) Only 2
 - c) Both 1 and 2
 - d) None
7. Which of the following is not the classification of Rocks on the basis of mode of formation?
 - a) Igneous rock
 - b) Sedimentary rock
 - c) Mesomorphic rock
 - d) Metamorphic rock
8. Which rock is formed by the solidification of molten magma?
 - a) Metamorphic rock
 - b) Sedimentary rock
 - c) Igneous rock
 - d) Mesomorphic rock
9. Which of the following is not the characteristics of Igneous rock
 - a) These rocks are soft in nature
 - b) These are impermeable
 - c) They do not contain fossils
 - d) They are associated with the volcanic activities.
10. igneous rock are also called as the _____
 - a) Solid rock
 - b) Clay rock
 - c) Parent rock
 - d) Crystal rock
11. The two types of Igneous rock are extrusive igneous rock and _____
 - a) Exclusive Igneous Rocks
 - b) Intrusive Igneous Rocks
 - c) Inclusive Igneous Rocks
 - d) Entrusive Igneous Rocks
12. A fiery red molten magma comes out from the interior of the earth on its surface is called _____
 - a) Lava

- b) Ore
c) Volcano
d) Basalt
13. Which of the following statement is correct
1) After reaching the earth surface the molten materials get solidified and form rocks.
2) Rocks formed in such a way on the crust are called Intrusive igneous rocks.
a) Only 1
b) Only 2
c) Both 1 and 2
d) None
14. The molten magma sometimes cools down deep inside the earth's crust and becomes solid. The rocks formed this way is called _____
a) Extrusive Igneous rock
b) Intrusive igneous rock
c) Sedimentary rock
d) Metamorphic rock
15. Which of the following statement is correct
1) Extrusive igneous rocks are fine grained and glassy in nature due to rapid solidification
2) Basalt found in the north western part of peninsular India is the example for this type of rock.
a) Only 1
b) Only 2
c) Both 1 and 2
d) None
16. Two types of Intrusive Igneous rocks are of plutonic rocks and _____
a) Solidation rock
b) Crystalline rock
c) Polaroid rock
d) Hypabyasal rock
17. Which of the following is not plutonic rock
a) dolerite
b) Granite
c) Diorite
d) Gabbro
18. Which of the following statement is incorrect
1) The sedimentary rocks are formed by the sediments derived and deposited by various agents
2) Due to low temperature and pressure, the undisturbed sediments of long period cemented to form sedimentary rocks
a) Only 1
b) Only 2
c) Both 1 and 2
d) None
19. Sedimentary rocks consist consists of many strata, it is also known _____
a) Polaroid rock
b) Stratified rock
c) Sedi rocks
d) Strangulate rock
20. Which of the following rock is called Crystalline rocks?
a) Sedimentary rock
b) Metamorphic rock
c) Intrusive Igneous Rocks
d) Extrusive Igneous Rocks
21. Which of the following is not the Characteristics of Sedimentary rocks
a) They have many layers.
b) They are crystalline rocks.
c) They contain fossils.
d) They are soft and get eroded easily
22. Which rocks are formed as a result of the decomposition of dead plants and animals?
a) Organic sedimentary rock
b) Chemical sedimentary rock
c) Fuel sedimentary rock
d) Green sedimentary rock
23. Which rocks are formed from the disintegration of igneous and metamorphic rocks?
a) Chemical sedimentary rocks
b) Fuel sedimentary rocks
c) Mechanical sedimentary rock
d) Organic sedimentary rock

24. Which rocks are formed by precipitating of minerals from water?
- Chemical sedimentary rock
 - Organic sedimentary rock
 - Mechanical sedimentary rock
 - Fuel sedimentary rock
25. Which of the following is not organic sedimentary rock
- Chalk
 - Limestone
 - Talc
 - Rock salt
26. Which of the following statement is correct
- The natural agents erode and transport mechanical sedimentary rocks and deposit them at some places
 - After a long period of time, they cemented to form rocks.
- Only 1
 - Only 2
 - Both 1 and 2
 - None
27. If the change in the rocks is mainly caused by high temperature, then the rock is called
- Dynamic metamorphism
 - Thermal metamorphism
 - Current metamorphism
 - Heat metamorphism
28. When Igneous and sedimentary rocks subject to high temperature and pressure, the original rocks get altered to form a new kind of rock called _____
- Chemical rocks
 - Clay rock
 - Metamorphic rock
 - Polaroid rock
29. Which of the following is chemical sedimentary rock.
- Rock salt
 - Dolomite
 - Clay
 - Sandstone
30. Which Rock is called as evaporates?
- Organic sedimentary rock
 - Mechanical sedimentary rock
 - Dynamic metamorphic rock
 - Chemical sedimentary rock
31. In Dynamic metamorphism, the change in the rock is mainly due to _____
- Temperature
 - Humidity
 - Core
 - Pressure
32. Which of the following statement is incorrect
- Granite into gneiss caused by dynamic metamorphism
 - Sandstone into quartz caused by dynamic metamorphism.
- Only 1
 - Only 2
 - Both 1 and 2
 - None
33. Which rock is formed first on the earth?
- Igneous rocks
 - Sedimentary rocks
 - Metamorphic rocks
 - Chemical rocks
34. The process of rocks of the earth crust keeps on changing from one form to another form under various natural forces and agents is called _____
- Mountain formation
 - Sand cycle
 - Rock cycle
 - Mountain cycle
35. Which is the following statement is Characteristics of Metamorphic Rocks
- Metamorphic rocks are mostly non-crystalline in nature.
 - They consist of alternate bands of only dark minerals.
- Only 1
 - Only 2
 - Both 1 and 2

d) None

36. Which of the following statement is correct

1) Basalt into slate caused by thermal metamorphism

2) Shale into slate caused by thermal metamorphism

a) Only 1

b) Only 2

c) Both 1 and 2

d) None

37. The metamorphic rocks are also get disintegrated and deposited to form Which rocks?

a) Thermal Metamorphic rock

b) Dynamic Metamorphic rock

c) Sedimentary Rocks

d) Igneous rock

38. Which is the following statement is incorrect

1) Rocks are highly valuable and important to almost all aspects of our economy.

2) The minerals and metals in rocks have been found essential to human civilization.

a) Only 1

b) Only 2

c) Both 1 and 2

d) None

39. What is the mixture of organic matter, minerals, gases, liquids and organisms that together support life?

a) Salt

b) Soil

c) Plant

d) Rock

40. Soil is also known as _____

a) Parent of the rock

b) Parent of the earth

c) Skin of the rock

d) Skin of the earth

41. Which is the parent material of soil, from Which it formed?

a) Rock

b) Gravity

c) Temperature

d) Mountain

42. Soil contain What percentage of mineral particles in it?

a) 38%

b) 25%

c) 45%

d) 12%

43. Which soils are found in the regions of river valleys, flood plains and coastal regions?

a) Red soil

b) Alluvial soil

c) Black soil

d) Dessert soil

44. Which soil is clayey in nature, formed by weathering of igneous rocks?

a) Red soil

b) Dessert soil

c) Mountain soil

d) Black soil

45. Which soils are formed by weathering of metamorphic rocks and crystalline rocks?

a) Red soil

b) Dessert soil

c) Alluvial soil

d) Black soil

46. Which soil are the typical soils of tropical regions, found in the regions Which experienced alternate wet and dry condition?

a) Mountain soil

b) Dessert soil

c) Laterites soil

d) Alluvial soil

47. Red soils are usually found in Which regions?

a) Tropical

b) Temperate

c) Semi-arid

d) Arctic

48. laterites soil are suitable for cultivation of Which crop?

a) Millet

- b) Tea
c) Paddy
d) Sugarcane
49. Which region soil are thin and acidic in nature?
a) Dessert soil
b) Alluvial soil
c) Laterites soil
d) Mountain soil
50. Which of the following is not the alluvial soil crop?
a) Wheat
b) Sugarcane
c) Cashew nut
d) Rice
51. Which soil are porous and saline, infertile for agriculture?
a) Mountain soil
b) Dessert soil
c) Laterites soil
d) Black soil
52. Which of the following crop is suitable for black soil?
a) Cotton
b) Sugar cane
c) Millet
d) Coffee
53. Which of the following is not the type of soil erosion?
a) Sheet erosion
b) Plate erosion
c) Rill erosion
d) Gully erosion
54. Which of the following statement is correct
1) Soil erosion is the removal or destruction of the top layer of soil by natural forces and human activities
2) Soil erosion increases the fertility of soil Which in turn reduces the agricultural productivity.
a) Only 1
b) Only 2
c) Both 1 and 2
d) None
55. What are the major agents of soil erosion?
a) Temperature
b) Snow
c) Wind
d) Lava
56. What is the process of protecting the soil from erosion to maintain its fertility?
a) Soil protection
b) Soil convention
c) Soil contamination
d) Soil conservation
57. Which of the following is not the practice of soil conservation?
a) Deforestation
b) Construction of dams
c) Crop rotation
d) Strip farming
58. The time needed to form a soil depends on the Which factor?
a) Wind
b) Ocean
c) Climate
d) Lava
59. In Which area soil formation is so fast?
a) Temperate
b) Arctic
c) Sub-tropical
d) Wet tropical
60. What present in the soil that enhance and nourishes the crops and plants?
a) Water
b) Temperature
c) Minerals
d) Air
61. Soil is used in the making of _____
a) Ceramic
b) Polymer
c) Plastic
d) Textile

62. Which of the following statement is correct
- 1) Soil acts as natural filter of water and purifies it.
 - 2) Soil supports ecosystem and play an important role in ocean management.
- a) Only 1
 - b) Only 2
 - c) Both 1 and 2
 - d) None
63. The word 'Sedimentary' has been derived from Latin word _____
- a) Sedimate
 - b) Sedimantum
 - c) Sedimentum
 - d) Sedimoram
64. Which of the following is not the active volcano
- a) Mt. Etna
 - b) Mt. Vesuvius
 - c) Mt. Stromboli
 - d) Mt. Fuji
65. Which of following crop is suitable for red soil?
- a) Millet
 - b) Cotton
 - c) Sugarcane
 - d) Wheat
66. Which of the following is not the layer of soil?
- a) Humus
 - b) Elevated layer
 - c) Sub-soil
 - d) Contour layer
67. Which layer is dominated by organic material (leaves, needles, twigs, moss and lichens)?
- a) Humus
 - b) Elevated layer
 - c) Sub-soil
 - d) Parent rock
68. Which layer reflects the chemical or physical alteration of parent material. Thus iron, clay,

- aluminium and organic compounds are found accumulated in this horizon?
- a) Humus
 - b) Elevated layer
 - c) Sub soil
 - d) Parent rock
69. Which layer is significantly leached of clay, iron, and aluminium oxides, Which leaves a concentration of ore?
- a) Humus
 - b) Top soil
 - c) Sub soil
 - d) Elevated layer
70. Which layer is composed of organic matter mixed with mineral matter?
- a) Humus
 - b) Top soil
 - c) Sub soil
 - d) Elevated soil
71. How long it takes a soil to become well matured soil?
- a) 2800 years
 - b) 2000 years
 - c) 2500 years
 - d) 3000 years
72. Which rocks are the important source of natural resources like coal, oil and natural gas?
- a) Igneous rock
 - b) Sedimentary rock
 - c) Thermal metamorphic rock
 - d) Dynamic metamorphic rock
73. Oldest sedimentary rocks of the world has been identified in Which area?
- a) United states of America
 - b) South Africa
 - c) China
 - d) Greenland