

FBQ1: The formation of mature soil depends on \_\_\_\_

Answer: \*Time\*

FBQ2: Han Jenny considers \_\_\_\_ factors of soil formation

Answer: \*Five\*

FBQ3: Climate and organisms are regarded to as \_\_\_\_ factors

Answer: \*Active\*

FBQ4: Tropic soils are complex and comprises of a variety of soil known as \_\_\_\_

Answer: \*Latosols\*

FBQ5: \_\_\_\_ Group enhances vertisolic expansion

Answer: \*Montmorillonite\*

FBQ6: \_ Relief affects soil formation through altitude which creates \_\_\_\_

Answer: \*Microclimate\*

FBQ7: Aspect is the \_\_\_\_ way relief affects soil formation

Answer: \*Third\*

FBQ8: There are \_\_\_\_ processes of soil formation

Answer: \*Two\*

FBQ9: Examples of soil processes are \_\_\_\_

Answer: \*Simple and complex\*

FBQ10: The major processes of soil formation are \_\_\_\_ and \_\_\_\_

Answer: \*Humification\*

FBQ11: Removal in solution of soil constituent from the soil is known as \_\_\_\_

Answer: \*Leaching\*

FBQ12: Ammonification is an example of \_\_\_\_ process

FBQ13: Acid- producing substances which subdues the activities of bacteria is

Answer: \*Tannins\*

FBQ14: Humification takes place in \_\_\_\_ profile layer

Answer: \*Ao\*

FBQ15: The percentage content of nitrogen in the soil is \_\_\_\_

Answer: \*0.2-0.4%\*

FBQ16: The third type of biological process which relates to nitrogen fixation and biospheric cycling is \_\_\_\_

Answer: \*Dentrification\*

FBQ17: Deposition of materials removed into the eluvial horizon is known as

Answer: \*Illuviation\*

FBQ18: Eluviation takes place in \_\_\_\_ horizon

Answer: \*A\*

FBQ19: Acidic level of the soil can be increased by \_\_\_\_

Answer: \*Humification\*

FBQ20: The process which forms ferruginous tropical soil is known as \_\_\_\_

Answer: \*Laterisation\*

FBQ21: The soil forming process which takes place in a cool humid area is referred to as

Answer: \*Podsolisation\*

FBQ22: are prominent under podsolisation process

Answer: \*Sesquioxides\*

FBQ23: An example of complex process of soil formation is \_\_\_\_

Answer: \*Gleisation process\*

FBQ24: Calcification process occurs mainly in \_\_\_\_

Answer: \*Low- rainfall areas\*

FBQ25: The process of soil formation which takes place in areas with impeded drainage condition is \_\_\_\_

Answer: \*Gleisation process\*

FBQ26: Hydromorphic soils are characteristically \_\_\_\_ in nature

Answer: \*Mottling\*

FBQ27: The formation of an impervious horizon beneath the soil profile causes

Answer: \*Gleying\*

FBQ28: Laterisation takes place in \_\_\_\_

Answer: \*Warm to hot humid tropical areas\*

FBQ29: Podsolisation takes place in cool humid areas of \_\_\_\_ regions

Answer: \*Temperate\*

FBQ30: Major soil types of the world are divided into \_\_\_\_

Answer: \*Three\*

FBQ31: The soils that are formed on latitudinal areas are called

Answer: \*Zonal soils\*

FBQ32: Intrazonal soil types occur where parent material exerts influence on

\_\_\_\_  
Answer: \*Soil\*

FBQ33: Soil types without well-developed characteristics are called \_\_\_\_

Answer: \*Azonal soils\*

FBQ34: Soils found in very cold areas are called \_\_\_\_

Answer: \*Tundra soils\*

FBQ35: Soils that develop on glacial drifts are known as \_\_\_\_

Answer: \*Podsols\*

Multiple Choice Questions (MCQs):

MCQ1: Hygroscopic water is not always available to

Answer: Plant branches

MCQ2: Salt tolerating plants are called

Answer: Shrubs

MCQ3: The scientist that is interested in soil appearance is called

Answer: Soil chemist

MCQ4: The percentage of mineral matter in the soil is \_\_\_\_

Answer: 30%

MCQ5: Organic matter content is

Answer: 45%

MCQ6: Soil water is a \_\_\_\_ constituent

Answer: Variable

MCQ7: Sand, silt and clay constitutes?

Answer: Soil constituency

MCQ8: The soil is made up of \_\_\_\_ phases

Answer: 10

MCQ9: particles in the soil are chemically active

Answer: Clay

MCQ10: Macro nutrients are metallic\_\_\_\_

Answer: Anions

MCQ11: Interveinal chlorosis is caused by

Answer: Colbates

MCQ12: Illuviation and eluviation are closely related to\_\_\_\_ but not identical

Answer: Percolation

MCQ13: The degree of fineness or coarseness of a soil material is called soil \_\_\_\_

Answer: Structure

MCQ14: Water that is drawn from the interstices of the soil is termed

Answer: Capillary

MCQ15: The process of soil formation that takes place in the humid

Answer: Podsolisation

MCQ16: Soil air is a component of\_\_\_\_

Answer: Liquid phase

MCQ17: The qualitative value of organic matter is measured by

Answer: Volume

MCQ18: Water held by soil particles through the process of adsorption

Answer: Capillary water

MCQ19: Biological process of organic water formation is known as\_\_\_\_

Answer: Mineralization

MCQ20: Organic mineral element released into the soil is known as\_\_\_\_

Answer: Mineralization

MCQ21: Soil water that moves through the soil as a result of gravitational pull is called\_\_\_\_

Answer: Capillary water

MCQ22: Soil texture is always described in terms of \_\_\_\_

Answer: Volume

MCQ23: The number of textural grades in a textural triangle is

Answer: 20

MCQ24: The aspect of the soil that influences porosity, permeability, consistency and structure is\_\_\_\_

Answer: Soil porosity

MCQ25: Soil structure is described in \_\_\_\_ways

Answer: 4

MCQ26: Granular, crumbly, platy and columnar describes soil\_\_\_\_

Answer: Solid phase

MCQ27: Dark, light and bright terms are used to describe soil\_\_\_\_

Answer: Color

MCQ28: Soil profile consists of \_\_\_\_horizons

Answer: Y,C,B

MCQ29: Soil parameter that regulates the rate and intensity of the biochemical process is\_\_\_\_

Answer: Soil temperature

MCQ30: The arrangement of different layers within the soil strata is known as\_\_\_\_

Answer: Soil horizon

MCQ31: Zones of enrichment in soil profile are\_\_\_\_

Answer: Eluviation

MCQ32: Young soils without horizon differentiation are known as\_\_\_\_

Answer: Entisol

MCQ33: The degree of acidity and alkalinity of the soil is referred to as\_\_\_\_

Answer: Soil neutrality

MCQ34: A situation where  $[H^+]$  is more than  $[OH^-]$ , is called\_\_\_\_

Answer: Soil acidity

MCQ35: Soil alkalinity depends on\_\_\_\_

Answer: High pH