

FBQ1: The caspids are made up of identical repeating subunits called -----  
Answer: Casomeres

FBQ2: A tissue responsible for secondary growth in plants is called \_\_\_\_\_  
Answer: Cambium

FBQ3: The flower parts in dicot is usually in four while in monocot is in \_\_\_\_\_  
Answer: Three

FBQ4: Diatoms belong to the group of algae called -----  
Answer: 8Bacillariophyta

FBQ5: Which of the cells in Hydra is for absorption and digestion of food?  
Answer: Glandular cells

FBQ6: In viruses, there is a protective coat called \_\_\_\_\_ around the nucleic core  
Answer: Capsid

FBQ7: The virus that causes HIV is called \_\_\_\_\_  
Answer: human immunodeficiency virus

FBQ8: A short unicellular organ of attachment found in some spirogyra is called  
Answer: Hapteron

FBQ9: In the class Turbellaria \_\_\_\_\_ are rarely present  
Answer: Suckers

FBQ10: The main diagnostic feature of round worm is that it is \_\_\_\_\_ at both ends  
Answer: Elongated

FBQ11: Under the highest magnification of light microscope, the smallest bacterium is about 0005 micrometers across while the largest may be up to \_\_\_\_\_ micrometers long  
Answer: 0.02

FBQ12: \_\_\_\_\_ segmentation is the transverse division of the body into similar parts  
Answer: Metameric

FB13: What is the role of cell membrane in bacteria and other organisms?  
Answer: It controls what goes in and out of the cell

FBQ14: Viruses that cause tomato and tobacco mosaic have molecular weight of 60 to 100 million. The molecular weight of viruses that cause fowl plague have a molecular weight of \_\_\_\_\_ to \_\_\_\_\_  
Answer: 200 to 400 million

FBQ15: ----- includes all those eukaryotes that are considered as ancestors of plants, animals and fungi  
Answer: Protoctista

FBQ16: Members of fungi either live as saprophytes or \_\_\_\_\_  
Answer: Parasites

FBQ17: The group of plants which are not differentiated into roots, stems and leaves is called \_\_\_\_\_  
Answer: Thallophyta

FBQ18: \_\_\_\_\_ are disease causing organisms which are specific to their host.  
Answer: Viruses

FBQ19: The organelle in the cell that contains a mixture of water, salts, small organic compounds and micromolecules of many kinds is called \_\_\_\_\_  
Answer: Cytoplasmic matrix

FBQ20: \_\_\_\_\_ is a structure in the plant cell that contains aqueous solution of mineral salts which regulate the turgidity of adjoining cytoplasm.  
Answer: vacuole

FBQ21: A common example of fungi whose mycelium can produce both plus and minus is \_\_\_\_\_  
Answer: Neurospora

FBQ22: Other name for shield in arthropods is \_\_\_\_\_  
Answer: Carapace

FBQ23: The phylum \_\_\_\_\_ is the largest in terms of number of animal species  
Answer: Arthropoda

FBQ24: The immunodeficiency virus belongs to the group of RNA viruses known as -----  
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Answer: Retroviruses

FBQ25: Some bacteria without cell wall and can change their shape are called -----  
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Answer: Mycoplasmas

FBQ26: A coating on the outside of cell wall with a definite boundary in some bacteria is called ----- layer  
Answer: Slime

FBQ27: The group of plants though live on land but still dependent on water for completion of their life cycle is \_\_\_\_\_  
Answer: Bryophytes

FBQ28: The \_\_\_\_\_ are the simplest form of land plants  
Answer: Bryophytes

FBQ29: Organisms can only use two forms of energy, either Chemical or -----  
Answer: light

FBQ30: A covering of insect body that has a great influence on growth is called  
Answer: Chitin

FBQ31: The vascular tissue in Pteridophyte is found in \_\_\_\_\_ generation  
Answer: sporophyte

FBQ32: The group of plants which usually produce cones on which sporangia ,spores and seeds develop is called  
Answer: Conifers

FBQ33: One of the challenges of \_\_\_\_\_ reproduction is how to get the non-motile gametes to reach the female gametes.  
Answer: Angiosperm

FBQ34: The ----- are known as vascular plants.  
Answer: Tracheophytes

FBQ35: In the phylum Rhizopoda, the \_\_\_\_\_ have naked surface without differentiation  
Answer: Sarcodinians

MCQ15: The cell that is for capturing Hydra small animal food is called \_\_\_\_\_  
Answer: Stinging cells

MCQ21: Which of the following is not a characteristic of Anelids?  
Answer: They are not bilaterally symmetrical

MCQ22: Which of these is not a class of Anelids?  
Answer: Entamelechaeta

MCQ23: The following are members of Anelids except  
Answer: Planeria

MCQ24: The characteristics of arthropods include the following except  
Answer: Coelom highly developed

MCQ25: Which of these is not a class of the phylum arthropoda?  
Answer: Polychaeta

MCQ26: Arthropods are placed in the various classes on the bases of the following except  
Answer: Number of segments

MCQ32: What is the number of segments in Centipede?  
Answer: Between 15 to 20

MCQ33: Which of these triploblastic coelomates is unsegmented?

Answer: Molluscs

MCQ34: Which of these is not a class of vertebrates?

Answer: Gastropod

MCQ35: The part of mammalian skin which contains pigment for skin colour is called

Answer: Malpighian layer

MCQ1: Which of these statements is not correct about Paramecium?

Answer: Oral groove and gullet are covered with flagella

MCQ2: Which of these of organisms is not a protozoa?

Answer: Cnidaria

MCQ3: Amoeba belongs to the phylum

Answer: Rhizopoda

MCQ4: Sporozoa is in the phylum of

Answer: Apicomplexa

MCQ5: An average size of Amoeba is

Answer: 0.02cm

MCQ6: The food substance of Amoeba are usually \_\_\_\_\_

Answer: Diatoms

MCQ7: Under which kingdom are bacteria classified?

Answer: Monera

MCQ8: Which of the following phyla contain parasites?

Answer: Apicomplexa

MCQ9: Which of these is not a characteristics of the members of Porifera?

Answer: Their body is symmetrical

MCQ10: The following structures are part of reproduction in Porifera except

Answer: Collar cells

MCQ11: Which of these statements is not true about Sponges?

Answer: Their cells are highly specialised

MCQ12: What is the role of mesogloea in Cnidaria?

Answer: Separate ectoderm from endoderm

MCQ13: A good example of Cnidaria is

Answer: Hydra

MCQ14: The stinging cells in Hydra that help to capture food organisms is called\_\_

Answer: Nematocysts cells

MCQ16: Which of these groups of animals is the first to develop the organ system level of organization?

Answer: Platyhelminthes

MCQ17: Which of these is not a characteristic of platyhelminthes?

Answer: Biploblastic

MCQ18: Which of these organisms is a member of Cestoda?

Answer: Taenia

MCQ19: Nematodes possesses the following characteristics except

Answer: The digestive canal is open at one end

MCQ20: Nematodes are like platyhelminthes in the following ways except in

Answer: They are both segmented

MCQ27: The crustacean with wider thoracic and short abdomen is

Answer: Crab

MCQ28: The appendage in the crayfish which branched into a pair of pouted chitinous structure is call

Answer: 1st Abdominal

MCQ29: The serrated edge for gripping in crab is called

Answer: Thoracic appendages

MCQ30: If you are presented with an arthropod with the following features- head made up of six segments fused together, a pair of antennae and a pair of lateral compound eye such arthropod is

Answer: Insect

MCQ31: Which of the following is not a characteristic of Diplopoda?

Answer: A pair of legs in each segment

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