

FBQ1: All fungi are \_\_\_\_\_ in nutrition

Answer: \*Heterotrophic\*

FBQ2: A flask shaped ascocarp with a small apical opening is called \_\_\_\_\_

Answer: \*Perithecium\*

FBQ3: The spore bearing structure of most fungi is called \_\_\_\_\_

Answer: \*Sporangium\*

FBQ4: The genus Psilotum belongs to the class \_\_\_\_\_

Answer: \*Psilopsida\*

FBQ5: The seeds of Gymnosperms are borne on a \_\_\_\_\_ leaf

Answer: \*Cone\*

FBQ6: The superclass Agnatha include

Answer: \*hagfish\*

FBQ7: The Tilapia fish belong to the class

Answer: \*Osteichthyes\*

FBQ8: Grasshopper and cockroach belong to the class

Answer: \*Insecta\*

FBQ9: Centipede is an example of the class \_\_\_\_\_

Answer: \*Chilopoda\*

FBQ10: A typical example of the class Pelycopoda is

Answer: \*Bivalves\*

FBQ11: The radula of an octopus is used for

Answer: \*Scrape food\*

FBQ12: Example of the class Hirudinea is

Answer: \*Leeches\*

FBQ13: Micronucleus and macronucleus are found in

Answer: \*Paramecium\*

FBQ18: The caspids are made up of identical repeating subunits called -----

Answer: \*Casomeres\*

FBQ15: Chlamydomonas has \_\_\_\_\_ flagella

Answer: \*Two\*

FBQ16: Slime molds are mobile moving by \_\_\_\_\_ movement

Answer: \*Amoeboid\*

FBQ17: The plant body of multicellular fungi is commonly made of an interwoven mass

of very fine and delicate threads called

Answer: \*Hyphae\*

FBQ18: The \_\_\_\_\_ and \_\_\_\_\_ are the two types of fungal hyphae

Answer: \*Septate\*

FBQ19: The diagnostic features of the class Zygomycota is that the mycelium is unseptate and \_\_\_\_\_

Answer: \*Coenocytic\*

FBQ20: In Funaria, the dominant generation is the

Answer: \*Gametophytic phase\*

FBQ21: Among Funaria, Selaginella, Cycas and Cocos which of them is more advanced?

Answer: \*Cocos\*

FBQ22: \_\_\_\_\_ constitute a domain of single-celled microorganisms

Answer: \*Archaea\*

FBQ23: Organisms that are found in areas with very high salt concentrations in seas are called

Answer: \*Halophiles\*

FBQ24: Trypanosoma gambiense which causes African sleeping sickness belong to the division

Answer: \*Zoomastigophora\*

FBQ25: The whale and Dolphin belong to the class

Answer: \*Mammalia\*

FBQ26: All four-legged land vertebrates are generally referred to as \_\_\_\_\_

Answer: \*Tetrapod\*

FBQ27: The echinoderms are found only in the \_\_\_\_\_ habitat.

Answer: \*Marine\*

FBQ28: The organism above is called

Answer: \*Starfish\*

FBQ29: The name Nematoda comes from the Greek word for \_\_\_\_\_

Answer: \*Thread\*

FBQ30: In term of presence or absence of coelom, Nematodes are said to be

Answer: \*Pseudocoelomate\*

FBQ31: \_\_\_\_\_ is the dominant phase of the life cycle of the Pteridophytes.

Answer: \*The sporophyte\*

FBQ32: The main diagnostic feature of round worm is that it is:

Answer: \*Elongated at both ends\*

FBQ33: The exoskeleton in arthropods is secreted by the \_\_\_\_\_.

Answer: \*Epidermis\*

FBQ34: In Pteridophytes, the gametophyte is independent at maturity and is the dominant phase of life cycle. True or False

Answer: \*False\*

FBQ35: When stained with violet and red dyes, they appear purple, sometimes blue, depending on the temperature. What type of bacteria is this?

Answer: \*Gram positive bacteria\*

Multiple Choice Questions (MCQs):

MCQ1: The Sharks belong to the class \_\_\_\_\_

Answer: Chondrichthyes

MCQ2: The largest phylum of the animal kingdom is \_\_\_\_\_

Answer: Arthropoda

MCQ3: Mites, Scorpions and Ticks belong to the class \_\_\_\_.

Answer: Arachnida

MCQ4: An example of the member of class Chilopoda is \_\_\_\_\_

Answer: Centipede

MCQ5: The Bivalves are members of the class \_\_\_\_.

Answer: Polyplacophora

MCQ6: The rasping organ to scrape food in Octopus is called \_\_\_\_\_

Answer: Radula

MCQ7: The name of the organism below is \_\_\_\_\_

Answer: Leech

MCQ8: Which of the following organisms exhibit internal and external segmentation?

Answer: Earthworm

MCQ9: The part labelled 2 in the diagram below is

Answer: Nucleus

MCQ10: The name of the organism below is \_\_\_\_.

Answer: No

MCQ11: The true bacteria are cosmopolitan, meaning they are found

Answer: Everywhere

MCQ12: When gram-negative bacteria are stained with violet and red dye, they appear

\_\_\_\_\_.  
Answer: Purple

MCQ13: Eubacteria have prokaryotic chromosomes with circular DNA molecules called

\_\_\_\_\_.  
Answer: Plasmid

MCQ14: The Algal protists possess the following pigments except:

Answer: Carotene

MCQ15: All fungi are \_\_\_\_\_

Answer: Heterotrophs

MCQ16: The flagellum in the organism below is for \_\_\_\_\_

Answer: Movement

MCQ17: A completely closed ascocarp of *Aspergillus* is called \_\_\_\_\_.  
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Answer: Cleistothecium

MCQ18: The spore bearing structure of most fungi is called \_\_\_\_\_.  
.

Answer: Sporangium

MCQ19: The organism below belongs to phylum \_\_\_\_\_.  
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Answer: Ascomycota

MCQ20: The basidiocarp is a unicellular and complex structure bearing \_\_\_\_\_.  
.

Answer: basidia

MCQ21: The group of plants that produce naked seeds are known as \_\_\_\_\_.  
.

Answer: Gymnosperms

MCQ22: Which of the following plants is NOT a dicot?

Answer: Oil palm tree

MCQ23: The medusa form of the cnidarians is usually

Answer: sessile

MCQ24: Snakes and turtles belong to the class \_\_\_\_\_.  
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Answer: Reptilia

MCQ25: The following animals exhibit poikilothermy except \_\_\_\_\_.  
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Answer: Dogs

MCQ26: Which of the following features allows toad to live on land?

Answer: All of the options

MCQ27: Which of the following traits is not found in the Aves?

Answer: Presence of dry scale all over the body

MCQ28: Which of the following animals is a marsupial?

Answer: Kangaroo

MCQ29: The following examples of extant members of gymnosperm except \_\_\_\_.

Answer: All of the options

MCQ30: Taenia solium belong to the class \_\_\_\_\_

Answer: Cestoda

MCQ31: The cell walls of some bacteria are strong and rigid because of the presence of \_\_\_\_\_

Answer: Capsule

MCQ32: Gram-negative bacteria appear \_\_\_\_\_ when stained with violet and red dyes.

Answer: Blue

MCQ33: Roundworms belong to the phylum \_\_\_\_.

Answer: nematoda

MCQ34: Identify the plant in the plate above

Answer: Angiosperm

MCQ35: Paramecium is a protozoa in the phylum \_\_\_\_\_

Answer: Zoomastigophora