

Biology Fsc Part 1 Chapter 1 Online Test

Sr	Questions	Answers Choice
1	The structure that facilitates intracellular transport in eukaryotes is.	A. Cytoskeleton B. ER C. Golgi Apparatus D. Peroxisomes
2	Which virus group includes viruses such as Coronaviruses and influenza viruses.	A. Double stranded DNA Viruses B. Single stranded DNA Viruses C. Double stranded RNA Viruses D. Single stranded RNA Viruses
3	Sharks are different from other classes of fishes because they	A. Possess internal fertilization B. Possess external fertilization C. Possess swim bladder D. Lack placoid scales
4	Select the class which does not belong to Mollusca.	A. Class arachnida B. Class gastropoda C. Class bivalvia D. Class cephalopoda
5	The unique and distinguishing characteristics of arthropods is.	A. Closed type of circulatory system B. Flame cells C. Joined appendages D. Radical symmetry
6	The characteristics features shared by amphibians and reptiles, but not by birds is.	A. Ectothermy B. Amniotic eggs C. Two chambered heart D. Feathers
7	The excretory system of nematodes is made up of	A. Malpighian tubules B. Renette cells C. Nephridia D. Flame cells
8	Which one of the following arthropods breathes through tracheal tubes.	A. Prawn B. Crab C. Spider D. Lobster
9	The adults of Echinodermata exhibit symmetry.	A. Radial B. Bilateral C. Spherical D. Both a and b
10	The extremophiles which can thrive in low pH are called.	A. Thermophiles B. Acidophiles C. Halophiles D. All of these
11	A plant virus with a helical capsid is.	A. Tobacco mosaic virus B. Adenovirus C. Herpes virus D. HIV
12	The organelles of symbiotic origin are.	A. Mitochondria and chloroplast B. Nucleus and mitochondria C. Chloroplast and RER D. Lysosomes and mitochondria
13	Venus flower basket is the common name for.	A. Leucosolenia B. Euplectella C. Spongia D. Sycon
14	Which one of the following is a running bird.	A. Emu B. Crow C. Parrot D. Robin
15	Excretion in molluscs is carried out by	A. Malpighian tubules B. Protonephridia C. Nephridia D. Flame cells

16 What is a key difference between the domains Bacteria and Archaea.

A. Bacteria have membrane bound organelles, while Archaea do not
B. Bacterial cell walls have peptidoglycan, while Archaeal cell walls do not have it
C. Archaea are only found in extreme environments, while Bacteria are not
D. Bacteria are all unicellular, while Archaea include multicellular organisms.

17 The cell membranes of archaea contain lipids with.....between glycerol and fatty acid chains.

A. Glycosidic linkage
B. Ether linkage
C. Peptide bond
D. Ester linkage

18 The exoskeleton of arthropods is primarily composed by

A. Silica
B. Calcium carbonate
C. Cellulose
D. Chitin

19 The rank of taxonomic hierarchy in which organisms share a basic body plane and significant structural features is.

A. Order
B. Phylum
C. Domain
D. Class

20 the lipids in the cell membranes of bacterial and eukarya have fatty acids attached to glycerol by.....

A. Ester linkage
B. Glycosidic linkage
C. Phospho diester linkage
D. Ether linkage
