

Biology Fsc Part 1 Chapter 1 Online Test

Sr	Questions	Answers Choice
1	Reverse transcribing viruses like HIV are unique because they	A. Lack a protein capsid B. Infect bacteria C. Convert RNA into DNA D. Convert DNA into RNA
2	The highest level of classification among all living organisms is.	A. Domain B. Phylum C. Class D. Kingdom
3	Which one of the following is a crustacean.	A. Crayfish B. Wasp C. Spider D. Centipede
4	Squids and octopuses belong to which class of molluscs	A. Cephalopoda B. Gastropoda C. Brivalvia D. Polychaetaea
5	Sparrow belongs to class	A. Mammalia B. Aves C. Reptilia D. Amphibia
6	Which method is best suited for assessing the distribution of species across a gradient of environmental condition within a single geographical area.	A. Quadrat Sampling B. Transect Sampling C. Transect Sampling D. Remote sensing
7	A plant virus with a helical capsid is.	A. Tobacco mosaic virus B. Adenovirus C. Herpes virus D. HIV
8	Radula or rasping tongue in molluscs is primarily used for	A. Feeding B. Locomotion C. Filtering D. Excretion
9	Which domain of life is characterized by organisms that often inhabit extreme environments and have cell membranes with ether linked lipids.	A. Archaea B. Bacteria C. Eukarya D. Protista
10	the characteristics feature shared by amphibians and reptiles, but not by the birds is.	A. Ectothermy B. Amniotic eggs C. Two chambered heart D. Feathers
11	Viruses are not considered organisms because they	A. Are acellular B. Cause disease C. Cannot be seen with naked eye D. Live in water
12	The annelids which lack setae is	A. Leech B. Earthworm C. Polychaete D. Nereis
13	Naematodes possess a nervous system that includes.	A. Ganglia in each segment B. A well developed brain C. A nerve and four longitudinal nerve cords D. a dorsal nerve cord
14	Following animals are exclusively marine	A. Echinoderms B. Molluscs C. Arthropods D. Annelids
15	Which one of the following does not belong to archaea.	A. Firmicutes B. Methanogenes C. Thermococci D. Halobacterium

16 Who suggested that there are separate groups of prokaryotes.

- A. Carl Woese
- B. F. Sanger
- C. Robert Whittaker
- D. Frederick Meischer

17 Which one of the following animal is pseudocoelomate.

- A. Planaria
- B. Ascaris
- C. Liver fluke
- D. Tapeworm

18 sympatric speciation differs from allopatric speciation because it.

- A. Requires geographic isolation
- B. Is driven only by mutation rates
- C. Involves only small populations
- D. Occurs through niche differentiation or polyploidy without physical barriers

19 The segmented worm found in marine waters is

- A. nereis
- B. Leech
- C. Earthworm
- D. Lumbricus

20 In taxonomic hierarchy, the most specific level of classification is.

- A. Species
- B. Genus
- C. Family
- D. Order