

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 | The evolution of three chambered heart in amphibians resulted in | A. Complete separation of oxygenated and deoxygenated blood B. double circuit circulation C. Reduced efficacy of gaseous exchange D. Both a and c |
| 3 | Metameric segmentation in annelids refers to | A. Division of body into similar segments B. Ability to regenerate its lost parts C. Presence of jointed appendages D. Presence of notochord |
| 4 | Which of the following is not a characteristic feature of echinoderms. | A. Deuterostome development B. Open circulatory system C. Tube feet D. Calcareous endoskeleton |
| 5 | Individual archaeans range from 0.1 micro meter to over.....indiameter | A. 15 micrometer B. 10 micro meter C. 20 micro meter D. 25 micro meter |
| 6 | The process of shedding old exoskeleton and forming new exoskeleton of large size in arthropods is termed as. | A. Metamorphosis B. Ecdysis C. Regeneration D. Reproduction |
| 7 | Following animals are exclusively marine | A. Echinoderms B. Molluscs C. Arthropods D. Annelids |
| 8 | What type of speciation occurs when populations are geographically separated by a physical barrier. | A. Sympatric Speciation B. Parapatric Speciation C. Allopatric Speciation D. Peripatric Speciation |
| 9 | the characteristics features shared by amphibians and reptiles, but not by the birds is. | A. Ectothermy B. Amniotic eggs C. Two chambered heart D. Feathers |
| 10 | In urochordates the notochord is present | A. In adult stage B. Only in larval stage C. Throughout life D. Lack in all stages |
| 11 | Mammals include group of vertebrates which are nourished by milk from.....glands of mother. | A. Mammary B. Prostate C. Endocrine D. Memory |
| 12 | The arthropods have an exoskeleton or cuticle which is secreted by theof body wall. | A. Exocuticle B. epidermis C. Gastrodermis D. Endocuticle |
| 13 | Which statement is correct about ABA | A. Promotes flowering in pineapples B. Promotes flowering in short-day plants and inhibits in long day plants C. Promotes bolting in rosette plants D. Promotes apical dominance |
| 14 | Which class of fishes do not have jaws and possess a cartilaginous endoskeleton. | A. Cyclostomata B. Chondrichthyes C. Osteichthyes D. Both b and c |

15 Ernst Mayr's definition of species emphasizes.

A. Reproductive isolation in natural populations
B. Shared habitat preferences
C. Identical DNA Sequences
D. Morphological similarities

16 The feature absent in chondrichthyes but present in osteichthyes is.

A. Dermal scales
B. Cartilaginous endoskeleton
C. Paired fins
D. Swim bladder

17 The viruses in which RNA genome is directly translated into proteins by the host cells ribosomes are called.

A. Positive sense RNA virus
B. Negative sense RNA Viruses
C. Reverse transcribing viruses
D. All of them

18 Which one of the following is a crustacean.

A. Crayfish
B. Wasp
C. Spider
D. Centipede

19 Domains suggested by Carl Woese in a 1990 includes.

A. Domain Archaea
B. Domain Bacteria
C. Domain Eukarya
D. All of above

20 Polyps are cylindrical have functions in nutrition and are attached to the substrate at the

A. Aboral end
B. Cephalic end
C. Oral end
D. Lateral end