

MDCAT Biology Chapter 3 MCQ's Test

Sr	Questions	Answers Choice
1	Which characteristic of the following is not shown by diatoms:	<p>A. They are usually unicellular</p> <p>B. They have cilia as locomotory organs</p> <p>C. Their pigments are chlorophyll a, Chlorophyll c, Carotenes and Fucoxanthin</p> <p>D. Their cell wall of each diatom consists of two shells</p>
2	Tail releases an enzyme called	<p>A. Lysosome</p> <p>B. Lysozyme</p> <p>C. Ribozyme</p> <p>D. Ribozyme</p>
3	The cell membrane of bacteria is different from that of eukaryotic, in lacking	<p>A. Sterols</p> <p>B. Fats</p> <p>C. Lipids</p> <p>D. None of these</p>
4	Classification of living things is based on	<p>A. Homologies</p> <p>B. Genetics</p> <p>C. Cytology</p> <p>D. All these</p>
5	Which is the brown alga having blades, stipes and holdfast:	<p>A. Acetabularia</p> <p>B. Chondrus</p> <p>C. Laminaria</p> <p>D. Ceratium</p>
6	All fungal nuclei are	<p>A. Haploid</p> <p>B. Diploid</p> <p>C. Polyploid</p> <p>D. Euploid</p>
7	The fungi can tolerate temperature	<p>A. 5°C</p> <p>B. 10°C</p> <p>C. -5°C</p> <p>D. 100°C</p>
8	True pili are only present on	<p>A. Gram -ve bacteria</p> <p>B. Gram +ve bacteria</p> <p>C. Mycoplasma</p> <p>D. All of these</p>
9	Penicillium is a _____ species	<p>A. Predatory</p> <p>B. Chlorophyllous</p> <p>C. Parasitic</p> <p>D. Saprobic</p>
10	In eukaryotes flagella originate from	<p>A. Basal bodies</p> <p>B. Cell wall</p> <p>C. Cell membrane</p> <p>D. Cytoplasm</p>
		A. Microaerophilic bacterium

11	Campylobacter is a:	B. Aerobic bacterium C. Anaerobic bacterium D. Facultative bacterium
12	Tobacco mosaic virus was crystallized by	A. Stanley B. Pasteur C. Ivanowski D. Chamber land
13	Misuse of tetracycline and its related compounds cause	A. Allergic reactions B. Deafness C. Discoloration of teeth D. All these
14	The amount of peptidoglycan in the bacterial cell wall is	A. 35-40% B. 45-50% C. 50% D. 60%
15	Which is used as source of hydrogen during photosynthesis by autotrophic bacteria	A. CO_2 B. H_2O C. H_2S D. HNO_3
16	Infected person can be recovered completely from hepatitis	A. A B. B C. Both a and b D. C
17	Which of the following adaptations helped fungi to live on land?	A. Lack of flagellated cells B. Production of conidia C. Formation of thick walled zygote D. All these
18	He was 1st to report microbes	A. Robert Koch B. Louis Pasteur C. Leeuwenhoek D. None of these
19	All brown algae are multicellular and range in length from a few centimetres to approximately:	A. 10 m B. 25 m C. 45 m D. 75 m
20	Metabolically dormant bodies produced at a later stage of bacterial cell growth that germinate under favourable conditions to form vegetative cells are called	A. Conidia B. Spores C. Gemmules D. Cysts