

MDCAT Biology Chapter 3 MCQ's Test

Sr	Questions	Answers Choice
1	Some strains of <i>Aspergillus flavus</i> produce one of the most carcinogenic mycotoxins called:	A. Alphatoxins B. Aflatoxins C. Carcinotoxins D. Aspergotoxins
2	Cyanobacteria are photosynthetic partner in most of:	A. Mycorhiza association B. Commensal association C. Symbiotic association D. Lichen association
3	Tail core is forced into the cell by contraction of which of the following?	A. Head B. Tail sheath C. Collar D. None of these
4	Which of the following option carries the exact chemical composition of gram positive bacteria:	A. Lipopolysaccharide - Peptidoglycan - Teichoic acid -Lipids B. Peptidoglycan - Lipoproteins - Teichoic acid -Lipid C. Peptidoglycan - Lipopolysaccharides - Teichoic acid - Lipid D. Peptidoglycan - Lipoteichoic acid - Teichoic acid - Lipid
5	The first eukaryote whose genomic sequence was completely studied in 1996 was:	A. <i>Saccharomyces cerevisiae</i> B. <i>Penicillium notatum</i> C. <i>Rhizopus nigricans</i> D. <i>Candida albicans</i>
6	Protists having both the characters of plants and animals are:	A. <i>Euglena</i> B. Slime moulds C. Both a and b D. None of these
7	According to Whittakar's five-kingdom system of classification the bacteria and cyanobacteria are placed in	A. Monera B. Protista C. Plantae D. Animalia
8	One of the following is a technique used to preserve milk and milk products	A. Gene therapy B. Immunization C. Pasteurization D. Preventive measures
9	Which substance indicates that green algae and plants form monophyletic lineage?	A. Genetic material B. Lipids C. Protein D. Carbohydrates
10	Pilli are involved in which process?	A. Mating B. Attachment C. Both a & b D. Movement
11	The fungus that is source of antibiotic penicillin is	A. <i>Streptomyces</i> B. <i>Penicillium</i> C. <i>Aspergillus</i> D. <i>Agaricus</i>
12	All of the following are different types of protozoa except	A. Actinopods B. Dinoflagellates C. Zooflagellates D. Ciliates
13	Destruction of all life forms is	A. Immunization B. Vaccination C. Sterilization D. Chemotherapeutism
14	Bacteria which are able to grow in the presence of oxygen, are called:	A. Aerobic bacteria B. Anaerobic bacteria C. Obligate bacteria D. Facultative bacteria

15	Which of the following is a rust:	A. Ustilago B. Aspergillus C. Puccinia D. None of these
16	Ribosome of prokaryotes are found	A. Freely dispersed B. Attached to cell membrane C. Both a & b D. In region of Nucleoid
17	Conidia can survive for	A. Weeks B. Centuries C. Years D. Decades
18	Nostoc reproduces asexually by formation of	A. Hormogonia B. Akinetes C. Heterocysts D. Both a and b
19	Fungus like protists are not placed in fungi because:	A. Heterotroph in nature B. Their method of reproduction is plant like C. They contain centriole which is absent in fungi D. Body is plant like
20	The cell walls of most bacteria have a unique macromolecule called:	A. Teichoic acid B. Lipoprotein C. Peptidoglycan D. Polysaccharide