

MDCAT Biology Chapter 3 MCQ's Test

Sr	Questions	Answers Choice
1	Cyanobacteria have heterocysts, which are helpful in the fixation of atmospheric:	A. Carbon B. Nitrogen C. Hydrogen D. Oxygen
2	A virion is a :	A. Viral gene B. Viral enzyme C. Viral Protein D. Virus
3	Trichome mostly breaks near heterocyst and forms hormogonia and thus help in:	A. Fragmentation B. Budding C. Binary fission D. Conjugation
4	Which one of the following reproduces only in the host cell	A. Bacteria B. Virus C. Nostoc D. Fungus
5	Who made vaccine for hydrophobia or rabies	A. Pasteur B. Edward Jenner C. Robert Koch D. None of these
6	A tetrad is a square of:	A. 2 cocci B. 4 cocci C. 6 cocci D. 8 cocci
7	Which of these has lipids in it?	A. Envelope B. Tail core C. Capsid D. Genome
8	One of the followings is obtained from fungi and is used to inhibit fungal growth	A. Griseofulvin B. Cyclosporine C. Lovastatin D. Penicillin
9	Five-kingdom system proposed by Margulis and Schwartz is not based on	A. Genetics B. Cellular organization C. Nucleic acid D. Mode of nutrition
10	How many species of fungi are known?	A. 10,000 B. 100,000 C. 1 million D. 20,000
11	Rapid phase of growth of bacteria is:	A. Lag B. Log C. Stationary D. Decline/Death
12	----- are ecologically very important as bio-indicators of air pollution.	A. Lichens B. Predators C. Mycorrhizae D. Commensals
13	Which of the following radiations is used for sterilization?	A. Alpha rays B. Beta rays C. Gamma rays D. Ultraviolet rays
14	Staphylococci aureus, Diplococci pneumoniae etc., are examples of:	A. bacilli B. spiral C. cocci D. none
15	Histoplasmosis is disease of	A. Lungs B. Heart C. Trachea D. Kidney

16	In addition to chromosomes, many bacteria contain:	A. Mitochondria B. Chloroplasts C. Plasmids D. Glyoxysomes
17	Classification of algae into phyla is largely based the composition of:	A. cell wall B. Cell membrane C. cytoplasm D. pigment
18	The body of the fungus is called	A. Hyphae B. Thallus C. Mycelium D. Coenocytic
19	During Gram staining positive bacteria are stained	A. Purple B. Pink C. Blue D. Red
20	Thick-walled dormant bodies formed during differentiation of vegetative cells that resist desiccation and can germinate under suitable conditions are called	A. Spores B. Exospores C. Endospores D. Cysts
