

## MDCAT Biology Chapter 3 MCQ's Test

Sr	Questions	Answers Choice
1	The cell wall consists of two shells that overlap like a petridish:	A. Foraminifera B. Actinopods C. Slime molds D. Diatoms
2	Hyphae may be packed together and organized to form complex reproductive structure such as:	A. Mushrooms B. Puff balls C. Morels D. All a, b, c
3	Fungi resemble plants in that	A. It possesses cell wall B. Lacks locomotion C. The centrioles are absent D. All these
4	The mutualistic associations between certain fungi and roots of vascular plants are called:	A. Lichens B. Mycorrhizae C. Commensalism D. Both a & c
5	The bacteria that get their food from dead organic matter are	A. saprotrophs B. photosynthetic C. parasites D. chemosynthetic
6	Misuse of Penicillin can cause	A. Allergic reactions B. Deafness C. Discoloration of teeth D. All these
7	Which can be sterilized by membrane filters	A. Mix products B. Surgical instruments C. Antibiotic D. None of these
8	A human parasite causing African Sleeping sickness is:	A. Plasmodium B. Trichonympha C. Entamoeba D. Trypanosoma
9	Adsorption of phage occurs on a receptor site present on which?	A. Host cell wall B. Host cell membrane C. Phage D. All of these
10	The bacterium which is 1.1 to 1.5 $\mu\text{m}$ wide by 2.0 to 6.0 $\mu\text{m}$ long, is:	A. Salmonella typhi B. Escherichia coli C. Clostridium botulinum D. Campylobacter
11	The algal components of lichens are present within the:	A. Hyphae B. Roots C. Rhizoids D. Sporangium
12	Which of the following characters is not zooflagellates:	A. These protists are mostly unicellular. A few organisms are colonial B. They have spherical or elongated bodies C. They have single central nucleus D. They have pseudopodia
13	----- is simple breaking of mycelium of some fungal hyphae.	A. Budding B. Hormogonium C. Fragmentation D. Karyogamy
14	Black spores are formed in case of	A. Smuts B. Rusts C. Fusarium D. Puccinia graminis
		A. Immunization

15	Destruction of all life forms is	B. Vaccination C. Sterilization D. Chemotherapy
16	Septate hyphae are divided by cross walls called:	A. Diaphragm B. Septa C. Ridges D. Trabeculae
17	Bacterial endospores function in	A. Survival B. Storage C. Reproduction D. Protein synthesis
18	If a bacteria cell divides in every 20 minutes, how many bacteria will be formed in two hours?	A. 8 B. 16 C. 64 D. 128
19	Which spore is diploid	A. Ascospore B. Basidiospore C. Conidium D. Zygosporangium
20	Who, 1866 suggested creating the kingdom protista to include bacteria and other microorganisms.	A. Ernst Haeckel B. John Hogg C. E-Chatton D. Robert Whittaker