

MDCAT Biology Chapter 3 MCQ's Test

Sr	Questions	Answers Choice
1	Unlike plants and animals, the protists do not develop from a blastula or an	A. Egg B. Embryo C. Zygote D. Gamete
2	When cocci a long chain of cells the arrangement is said to	A. Diplococcus B. Streptococci C. Sarcina D. Staphylococcus
3	The amount of peptidoglycan in the bacterial cell wall is	A. 35-40% B. 45-50% C. 50% D. 60%
4	Conidial producing structure of fungus is called	A. Sporangia B. Conidiphore C. Colomella D. All of these
5	Most of the visible part of the lichen consist of:	A. Algae B. Fungi C. Virus D. Bacteria
6	An isolated virus is not considered living since it:	A. Separates into two inert parts B. It coated with an air tight shield C. Rapidly loses its genome chemically inert D. Cannot metabolize
7	Choanoflagellates are sessile marine of Freshwater flagellates which are attached:	A. Stalk B. Holdfast C. Twig D. Clutch
8	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
9	Which of the followings is obtained from a soil fungus and is used in organ transplantation for preventing transplant rejection?	A. Penicillium B. Griseofulvin C. Cyclosporin D. Ergotine
10	Aspergillus, Penicillium and Alternaria reproduce asexually by formation of	A. Buds B. Conida C. Zygosporos D. Ascospores
11	During photosynthesis photosynthetic bacteria liberate sulphur instead of:	A. Oxygen B. Carbon dioxide C. Nitrogen D. Chlorine
12	A pathogenic fungus whose mycellium grows out from a central point and measures up to 15 hectares is	A. Amanita B. Armillaria C. Aspergillus D. Rhizopus
13	When tuft of flagella at each of two poles is present in bacteria, the condition is called:	A. peritrichous B. atrichous C. lophotrichous D. amphitrichous
14	Conjugation take place in:	A. Zygomycota B. Ascomycota C. Basidiomycota D. Deuteromycota
15	Viruses are simplest organisms and	A. have cell membrane but not cell wall B. undergo replicate

		C. have their own enzymes D. are only DNA or RNA strands without cellular structure
16	The African sleeping sickness disease is caused by	A. Euglena B. Amoeba C. Trypanosoma D. Plasmodium
17	Which enzyme is produced by a phage	A. Reverse transcriptase B. Lysozyme C. Invertase D. Lysozyme
18	Antibiotics affect	A. Bacteria B. Fungi C. Worms D. All of these
19	Complexes of layer external to bacterial protoplasm is	A. Capsule B. Cell envelope C. Slime D. Cell wall
20	Which of the following is a bloom-forming organism?	A. Lichens B. Blue-green algae C. Bacteria D. Choanoflagellates