

MDCAT Biology Chapter 3 MCQ's Test

Sr	Questions	Answers Choice
1	The bacteria that are able to grow in the presence of oxygen are called	A. Anerobic bacteria B. Aerobic bacteria C. Facultative bacteria D. Chemosynthetic bacteria
2	Which fungi have extensive enzymes	A. Saprophyte B. Symbiotic C. Parasite D. Predatory
3	Which diseases can be cured by the use of antibiotics?	A. cholera and tuberculosis B. measles and smallpox C. measles and tuberculosis D. smallpox and cholera
4	Five-kingdom system proposed by Margulis and Schwartz is not based on	A. Genetics B. Cellular organization C. Nucleic acid D. Mode of nutrition
5	On the basis of general shape, bacteria are classified into:	A. two categories B. three categories C. four categories D. five categories
6	Tail releases an enzyme called	A. Lysosome B. Lysozime C. Lysozyme D. Ribozyme
7	-----fungi, along with bacteria are the major decomposers of the biosphere.	A. Saprobic B. Saprophytic C. Both a and b D. Heterotrophic
8	The protists that live as symbionts in the guts of termites and help in the digestion of dry wood are:	A. Trichonymphas B. Trypanosoma C. Euglena D. Vorticella
9	The fungi involved in -----are mostly Ascomycetes and imperfect fungi, and few Basidiomycetes.	A. Mycorrhizae B. Predation C. Lichens D. Commensalism
10	Bacteria are considered plant because:	A. They have cell wall B. They can move C. They are present everywhere D. Can multiply by fission
11	Epulopiscium fishelsoni grows as large as 600 um by ...um.	A. 80 B. 70 C. 90 D. 60
12	The basic unit of classification is	A. Species B. Genus C. Phylum D. Kingdom
13	Which is member of Chlorophyta:	A. Gelidium B. Spirogyra C. Pinnularia D. Ceratium
14	Vibrios are	A. Comma shaped bacteria B. Spiral shaped bacteria C. Rod shaped bacteria D. Spiral shaped bacteria
15	When plane of division is random what will be produced in cocci?	A. Diplococcus B. Streptococcus C. Sarcina D. ...

D. None of these

16 Conidia are non-motile, asexual spores which are cut off at the end of modified hyphae called:

- A. Basidium
- B. Ascus
- C. Sporangiothecium
- D. Conidiophore

17 Fruiting body formed of slime moulds is:

- A. Basidium
- B. Spores
- C. Sporangium
- D. Conidium

18 The amount of peptidoglycan in the bacterial cell wall is

- A. 35-40%
- B. 45-50%
- C. 50%
- D. 60%

19 One of the following is used in genetic/molecular biology research because of rapid generation and rapidly increasing pool of genetic and biochemical information

- A. Penicillin
- B. Toadstools
- C. Mushroom
- D. Yeasts

20 Bacteria attach on the substrate with the help of

- A. Pili
- B. Flagella
- C. Cilia
- D. Basal bodies