

## MDCAT Biology Chapter 3 MCQ's Test

Sr	Questions	Answers Choice
1	Which of the following cannot be grown on artificial media	A. Obligate parasite of Bacteria B. Obligate parasite of Fungi C. Viruses D. All of these
2	Rhizopus is example of group-----of fungi.	A. Basidiomycota B. Zygomycota C. Ascomycota D. Deuteromycota
3	Which organisms are generally classified as monerans?	A. Protozoa, bacteria, algae and bryophytes B. Algae, fungi, bacteria and &nbsp;bryophytes C. Bacteria, cyanobacteria, oscillatoria D. Protozoa, algae and slime molds
4	Which is member of Chlorophyta:	A. Gelidium B. Spirogyra C. Pinnularia D. Ceratium
5	Some bacteria are neither aerobic nor anaerobic but:	A. Obligate B. Facultative C. Symbiont D. Commensal
6	Which filtrate from a lysed colony can transfer lytic effect to healthy colony	A. Virus free B. Bacteria free, Concentrated soln C. Bacteria free, dilute soln D. Both B & C
7	An example of aerobic bacterium is	A. Pseudomonas B. Siprocheta C. E. coli D. Campylobacter
8	Five-kingdom system proposed by Margulis and Schwartz is not based on	A. Genetics B. Cellular organization C. Nucleic acid D. Mode of nutrition
9	They are beads of cells	A. Filaments B. Trichomes C. Fragments D. Akinetes
10	Aspergillus, Penicillium and Alternaria reproduce asexually by formation of	A. Buds B. Conida C. Zygosporos D. Ascospores
11	Investigations of cell membrane of a bacterial cell into the cytoplasm in the form of vesicular tubules or lamellae concerned with DNA replication are	A. endoplasmic reticulum B. lysosomes C. measosomes D. plasmodesmata
12	During photosynthesis photosynthetic bacteria use hydrogen sulphide instead of water as:	A. Carbon source B. Nitrogen source C. Hydrogen source D. sulphur source
13	Facultative bacteria can grow	A. In the presence of oxygen B. In the absence of oxygen C. Both a & b D. None of these
14	In which plasmogamy is immediately followed by karyogamy?	A. Basidiomycetes B. Ascomycetes C. Zygomycetes D. Deuteromycetes
		A. CO <sub>2</sub>

15	Which is used as source of hydrogen during photosynthesis by autotrophic bacteria	B. $H_2O$ C. $H_2S$ D. $HNO_3$
16	When division occurred in random planes it will produce a:	A. staphylococcus arrangement B. diplococcus arrangement C. streptococcus arrangement D. bacillococcus arrangement
17	In cyanobacteria reproduction occurs by:	A. Hormogonia B. Akinetes C. Heterocysts D. All a, b, c
18	Mycology is the study of	A. Algae B. Bryophytes C. Pteridophytes D. Fungi
19	Tests of actinopods are made of:	A. Calcium B. Silica C. Spongin D. Iron
20	Which of the following is a rust:	A. Ustilago B. Aspergillus C. Puccinia D. None of these