

## MDCAT Biology Chapter 3 MCQ's Test

Sr	Questions	Answers Choice
1	When smut is caused by:	A. Puccinia graminis B. Ustilago tritici C. <b>Phytophthora</b> D. Albugo
2	Circular double stranded DNA molecules in addition to chromosomes in some bacteria	A. Mesosomes B. Vectors C. <b>Plasmid</b> D. Chromatin body
3	Small pox virus is known to have occurred as epidemic in	A. Japan B. Russia C. Europe D. <b>China</b>
4	The volume of phage is about how many times less than host	A. 100 B. 10 C. 100,000 D. <b>1000</b>
5	Phipps was inoculated with which first?	A. Small pox B. Chicken pox C. Pox D. <b>Cow pox</b>
6	The facultative parasite is one which:	A. Always requires dead organic matter B. Always requires a living host C. <b>Is normally a parasite but can also become a saprophyte</b> D. Is normally a saprophyte but can also become a parasite
7	Viruses are _____ parasites	A. Intercellular obligate B. <b>Intracellular obligate</b> C. Facultative D. Unicellular
8	Classification of algae into phyla is largely based the composition of:	A. cell wall B. Cell membrane C. cytoplasm D. <b>pigment</b>
9	Pilli are involved in which process?	A. Mating B. Attachment C. <b>Both a &amp; b</b> D. Movement
10	Which is not green alga:	A. Chlorella B. Chlamydomonas C. Spirogyra D. <b>Fucus</b>
11	Which of the following is a bloom-forming organism?	A. Lichens B. <b>Blue-green algae</b> C. Bacteria D. Choanoflagellates
12	Asexual reproduction in ascomycetes is by	A. Ascospores B. Ascocarps C. Soredia D. <b>Conidia</b>
13	Nostoc reproduces asexually by formation of	A. Hormogonia B. Akinetes C. Heterocysts D. <b>Both a and b</b>
14	Thread like branches of mycelium are called:	A. Filaments B. Haustoria C. Sporangiohores D. <b>Hyphae</b>

15	Cyanobacteria have heterocysts, which are helpful in the fixation of atmospheric:	B. Nitrogen C. Hydrogen D. Oxygen
16	The shells or tests of foraminiferans and actinopods contain pores through which can be extended:	A. Flagella B. Pseudopodia C. Cytoplasmic projections D. Tentacles
17	Lysis occurs after _____ minutes of initial infection by temperate phage	A. 25 B. 40 C. 35 D. None of these
18	One of the followings is obtained from fungi and is used to inhibit fungal growth	A. Griseofulvin B. Cyclosporine C. Lovastatin D. Penicillin
19	In Linneaus binomial nomenclature system the first name refers to the genus and is called	A. Generic name B. Species name C. Common name D. Family name
20	Some strains of <i>Aspergillus flavus</i> produce one of the most carcinogenic mycotoxins called:	A. Alphatoxins B. Aflatoxins C. Carcinotoxins D. Aspergotoxins