

## MDCAT Biology Chapter 3 MCQ's Test

Sr	Questions	Answers Choice
1	Diameter of E.coli is _____ to _____ micrometer	A. 1.1-1.5 B. 1.1-1.6 C. 2.0-4.0 D. 2.0-6.0
2	Christain Gram developed the technique of:	A. DNA staining B. Feulgen reaction C. Gram staining D. RNA staining
3	The smallest bacteria are some members of the genus:	A. Microcystis B. Mycoplasma C. Closteridium D. Pseudomonas
4	Facultative bacteria grow either in the presence absence of:	A. Carbon B. Nitrogen C. hydrogen D. Oxygen
5	Fungi resemble plants in that	A. It possesses cell wall B. Lacks locomotion C. The centrioles are absent D. All these
6	Cyanobacteria are photosynthetic partner in most of .... association.	A. Lichen B. Fungal C. algal D. Plant
7	In which phase death rate becomes equal to rate of reproduction	A. Lag phase B. Log phase C. Stationary phase D. Decline phase
8	The oyster mushroom paralyses the:	A. Earthworms B. Nematodes C. Leeches D. Nereis
9	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
10	The largest brown algae are called:	A. diatoms B. kelps C. Dinoflagellates D. Gelidium
11	The shells of foraminifera made up of:	A. Silica B. Calcium carbonate C. Sponging fibers D. Sodium Hydroxide
12	Beware of poisonous mushrooms called the toadstools, such as:	A. Death cap/death angel B. Amanita C. Jack-O lantern mushroom D. All a, b, c
13	Except to spierillia, bacillus and coclc, bacteria are found in which of the shapes:	A. Trichome formation and sheathed B. Stalked and square C. Star shaped and spindle shaped D. All of the above
14	Which of the following is not an economic importance of bacteria?	A. Production of antibiotics B. Spoilage of food and vegetables C. Able to decompose organic matter D. Use in biotechnology
15	Classification of algae into phyla is largely based the composition of:	A. cell wall B. Cell membrane C. cytoplasm

---

16 Which of the following is primary function of capsule

A. Transport  
B. Support  
C. Motility  
**D. Adhesion**

---

17 Which of the following is free living zooflagellates:

A. Trichonympha  
B. Trypanosoma  
**C. Choanoflagellates**  
D. Entamoeba

---

18 All of the following fungi are pathogens except

A. Rusts  
B. Smuts  
C. Molds  
**D. Mushrooms**

---

19 Fungi form mutualistic or symbiotic associations in:

A. Lichens  
B. mycorrhizae  
**C. Both a & b**  
D. Commensalism

---

20 Fruiting body formed of slime moulds is:

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

---