

## MDCAT Biology Chapter 3 MCQ's Test

Sr	Questions	Answers Choice
1	Foraminifeans and actinopods produce:	A. Shells B. Tests C. Bullets D. Both a & b
2	Key mutualistic associations of fungi is	A. Lichens B. Mycorrhizae C. Nodules D. Rhizosphere
3	Oomycotes include a number of pathogenic organisms, including downy mildew.	A. Physarum polycephalum B. Phytophthora indestans C. Rhodotorula D. Candida albicans
4	E.coli is an	A. Aerobic bacteria B. Anaerobic bacteria C. Facultative bacteria D. Microaerohilic
5	Which could have a long dikaryotic stage?	A. Mildews B. Pilobolus C. Rhizopus D. Aspergillus
6	Which option best describes the cysts:	A. They are dormant and not heat resistant B. They are thick walled and desiccation resistant forms C. They develop during differentiation of vegetative cells which can germinate under suitable condition D. All of the above options
7	Photosynthetic autotrophs utilize sunlight as a source of:	A. Heat B. Food C. Energy D. Carbon
8	Fungi resemble animals in that it is	A. All these B. Lacks cellulose in cell wall C. Heterotrophic D. Contain chitin in the cell wall
9	Fungi store surplus food usually as lipid droplets or glycogen in the:	A. Spore B. Mycelium C. Stolon D. Sporangiospore
10	The nucleic acid of bacteriophages is mostly	A. Single stranded RNA B. Double stranded DNA C. Double stranded RNA D. Single Stranded DNA
11	During _____, the phage directs the cell's metabolism to produce viral components	A. Adsorption B. Penetration C. Induction D. Synthesis
12	The site of respiratory activity in bacteria is:	A. Mesosome B. Episome C. Ribosome D. Microsome
13	Of the following which one is Retrovirus?	A. HIV B. Influenza C. Mumps D. All of these
14	Which spore is diploid	A. Ascospore B. Basidiospore C. Conidium D. Zygospor

15	Capsid of polio virus is	A. Spherical B. Helical C. Cylindrical D. None of these
16	Which are mainly used in phage study	A. T <sub>2</sub> phage B. T <sub>4</sub> phages C. Both D. None of these
17	The mutualistic associations between certain fungi and roots of vascular plants are called:	A. Lichens B. Mycorrhizae C. Commensalism D. Both a & c
18	-----ferment carbohydrate (glucose) to ethanol and carbon dioxide.	A. Mushrooms B. Yeasts C. Alternaria D. Penicillium
19	The heat that causes oxidation of chemical constituents of microbes and kills them:	A. moist heat B. dry heat C. intense heat D. mild heat
20	When tuft of flagella is present at each of two poles of bacteria it is called	A. Atrichous B. Lophotrichous C. Peritrichous D. Amphitrichous