

## MDCAT Biology Chapter 3 MCQ's Test

Sr	Questions	Answers Choice
1	Bacterial growth can be controlled specifically by using	A. Antibiotics B. Medicines C. Fungicides D. Herbicides
2	Fungi can survive in dry conditions in which one of the following stage	A. Asexual reproduction B. Sexual reproduction C. Resting stage D. Active stage
3	A distinct lipo-polysaccharide wall layer is found in:	A. Mycoplasma B. Gram positive bacteria C. Gram negative bacteria D. All bacteria
4	Of the following which one is Retrovirus?	A. HIV B. Influenza C. Mumps D. All of these
5	Most of the visible part of consists of :	A. Algae B. Fungi C. Roots D. Bacteria
6	A facultative parasite is own which:	A. Always requires dead organic matter B. Always requires a living host C. Is normally a parasite but can also become a saprophyte D. Is normally a saprophyte but &nbsp;can also become a parasite&nbsp;
7	Citric acid is obtained from which?	A. Agaricus B. Aspergillus C. Yeast D. Penicillium
8	During unfavourable conditions, slime mold forms resistant haploid spores by meiosis within stalked structures called:	A. Conidia B. Sporangia C. Asci D. Basidia
9	During unfavourable conditions,slime mold forms resistant haploid spores by meiosis within stalked structures called:	A. conidia B. sporangia C. asci D. basidia
10	Tubular shafts in bacteria that serve as a means of attachment of bacteria to various surfaces	A. Flagella B. Fimbriae C. Pili D. Slime
11	The mutualistic association between certain fungi and roots of vascular plant is called	A. parasitism B. lichens C. mycorrhizae D. budding
12	A large, polyploidy macronucleus of ciliates controls cells:	A. Metabolism B. Growth C. Both a & b D. Sexual process
13	The cell walls of most bacteria have a unique macromolecule called:	A. Teichoic acid B. Lipoprotein C. Peptidoglycan D. Polysaccharide
14	Bacteria move in response to chemical signals is called	A. Chemotaxis B. Physicotaxis C. None of these D. Both a and b

15	Which is derived from host cell	A. Nucleic acid B. Capsid C. Envelope D. All of these
16	The accessory pigment used by cyanobacteria in photosynthesis is	A. Chlorophyllis B. Carotenoids C. Phycobilins D. All these
17	Chemical substances used on living tissues that inhibit growth of microorganisms are called	A. Antiseptics B. Disinfectants C. Antibiotics D. Chemotherapeutic agents
18	When tuft of flagellum is present on both sides of bacterium is termed as	A. Monotrichous B. Lophotrichous C. Amphitrichous D. peritrichous
19	Algae having shells composed of two halves that fit together like Petri dish belong to:	A. Diatoms B. Brown algae C. Green algae D. Red algae
20	Head of the T4 phage is	A. Pyramidal B. Hexagonal prism C. Both a and b D. Helical