

## MDCAT Biology Chapter 3 MCQ's Test

Sr	Questions	Answers Choice
1	Bacteria that can synthesize organic compounds from simple inorganic substances are known as:	A. Autotrophs B. Heterotrophs C. symbionts D. Lichen
2	In the scientific name of onion, <i>Allium cepa</i> , the <i>Allium</i> belongs to its:	A. Genus B. Group C. Species D. Family
3	The hyphae which lack septa and are in the form of an elongated multinucleated large cell are called:	A. Septate hyphae B. Coenocytic hyphae C. Non-septate hyphae D. Both b & c
4	Invaginations 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. Mesosomes D. Plasmodesmata
5	Diatoms are very important in:	A. Aquatic food chains B. Electrons transport chains C. terrestrial food chains D. Respiratory chains
6	Baker's fungi is:	A. <i>Penicillium</i> B. <i>Aspergillus</i> C. Both A and B D. <i>Saccharomyces cerevisiae</i>
7	They can live as both aerobic and anerobic	A. Microaerophilic B. Obligate aerobes C. Facultative Bacteria D. All of these
8	Chemotherapeutic agents which work with natural defense and stop the growth of bacteria	A. Antiseptics B. Disinfectants C. Electromagnetic radiation D. Antibiotics
9	Algae with two shells that overlap made up of silica	A. Dinoflagellates B. Diatoms C. Brown algae D. Red algae
10	Which kind of reproduction is not merely Asexual?	A. Conidia B. Budding C. Spore formation D. Fragmentation
11	The sexual spores in basidiomycetes are produced on club-shaped	A. Asci B. Conidia C. Basidia D. Sporangia
12	The common name of <i>Allium cepa</i> is	A. Piyaz B. Bathu C. Amaltas D. Chana
13	The flagella of bacteria are composed of:	A. Carbohydrate B. Protein C. Lipid D. Steroid&nbsp;nbsp;nbsp;
14	The response of chemical signals by flagellated bacteria is known as	A. Chemonastic B. Chemotropism C. Chemotaxis D. None of these
15	Which of the following group has length dikaryotic phase:	A. Zygomycota B. Ascomycota C. Imperfect fungi D. Deuteromycota

16	Recent research on HIV reveals that the virus may multiply in	A. Insects B. Pigs C. Monkey D. Donkey
17	Which is used in baking of bread?	A. Neurospora B. Rhizopus C. Saccharomyces cerevisiae D. All of above
18	Not true for flagella in bacteria	A. Aid in motility B. Help detect chemical stimuli C. Help to attach to host surface D. Used to classify
19	Oral and vaginal thrush also called candidosis are caused by	A. Aspergillus B. Candida albicans C. Rhodotorula D. Neurospora
20	E.coli is an	A. Aerobic bacteria B. Anaerobic bacteria C. Facultative bacteria D. Microaerophilic