

MDCAT Biology Chapter 3 MCQ's Test

Sr	Questions	Answers Choice
1	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
2	When two nuclei of fungus are joined to form	A. Dikaryotic B. Dikaryon C. Heterokaryon D. Both a and b
3	Which of the following bacteria can detect and move in response to chemical signals?	A. Atrichous B. Flagellate C. Aerobic D. Anaerobic
4	The lifecycle of bacteriophage, which results the increase of infection is	A. Temperate B. Lytic C. Non-virulent D. Lysogenic
5	Nostoc reproduces asexually by formation of	A. Hormogonia B. Akinetes C. Heterocysts D. Both a and b
6	The enzymes of respiration in bacteria are located in	A. Cell wall B. Cell membrane C. Cytoplasm D. Mitochondria
7	Which is the sexual process in bacteria?	A. Conjugation B. Transduction C. Transformation D. All of these
8	Bacterial membrane differs from eukaryotic membrane in lacking sterols such as	A. Cholestral B. Lactic acid C. Acetic acid D. Alcohol
9	Cell wall in gram positive bacteria is composed of:	A. Murein B. Lipid C. Cellulose and pectin D. Proteins only
10	Which eukaryote is mostly used by genetic engineers	A. Pencillium B. Yeast C. Slime mold D. Aspergillus
11	Fungi show a characteristic type of mitosis, called:	A. Cytomitosis B. Nuclear Mitosis C. Cytoplasmic mitosis D. Nuclear mitosis
12	Some bacteria are covered with loose, soluble shield of macromolecules which is called as:	A. Slime capsule B. Pellicle C. Seath D. None
13	50% or so ofare occurring in lichens.	A. Ascomycota B. Zygomycota C. Basidiomycota D. Deuteromycota
14	Mesosome is:	A. Nuclear ; B. Pigment C. Ribosome D. High folded membranes ;
15	There are _____ capsomeres in herpes virus	A. 252 B. 250 C. 150 D. 162

16	AIDS was discovered in young patients which were	A. Homosexuals B. Heterosexuals C. Both of these D. Weak
17	Oncoviruses are	A. Spherical B. Cubical C. Rod shaped D. Icosahedra
18	The vast limestone deposits is believed to be created by	A. Zooflagellates B. Foraminifera's C. Apicomplexans D. Ciliates
19	Peptidoglycans are absent in the cell wall of:	A. Eubacteria B. Archaeabacteria C. Cyanobacteria D. All of these
20	Chlamydomonas is:	A. Motile, unicellular, uniflagellate B. Non-motile, unicellular, flagellate C. Motile, unicellular, multiflagellate D. Motile, unicellular biflagellate
