

MDCAT Biology Chapter 3 MCQ's Test

Sr	Questions	Answers Choice
1	Bacterial photosynthesis is different because:	A. It can take place without light B. It can take place without CO2 C. It can take place without water D. It can take place without photosynthetic pigments
2	The cell wall of fungi contains	A. Cellulose B. Murein C. Lignin D. Chitin
3	Fungi differ from plants in that	A. Contain chitin in their cell wall B. Exhibit nuclear mitosis C. Forms mycorrhizae D. Absorptive heterotrophs
4	Which of the following does not describe viruses :	A. Each virus has both DNA and RNA in it. B. A protein capsid surrounds the nucleic acid portion of each virus. C. Viruses are obligate intracellular parasites D. They exhibit some but not all of the characteristics of living.
5	Hepatitis A virus is	A. DNA enveloped B. DNA non enveloped C. RNA enveloped D. RNA non enveloped
6	All the followings are the characteristics of trichome of Nostoc except	A. Branched B. Spherical cells C. Contain heterocyst D. Embedded in a jelly like mass
7	The kingdom protista contains four major groups of eukaryotic organisms, single called protozoans, unicellular algae , multicullar algae:	A. slime molds B. oomycotes C. mushrooms D. both a & b
8	In general appearance the helical phages are	A. Cubical B. Icosahedral C. Polyhedral D. Rod shaped
9	The plasma membrane and every thing present within is known as:	A. protoplast B. chloroplast C. plasmaplast D. cytoplast
10	The difference between bacterial and eukaryotic cell membrane is the lack of	A. Lipds B. Cholesterol C. Phosphate D. Proteins
11	The most common rust fungi are	A. Puccinia B. Ustilago C. Mocella D. All these
12	Which of these has lipids in it?	A. Envelope B. Tail core C. Capsid D. Genome
13	Aspergillus is	A. Brown mold B. Green mold C. Blue mold D. Red mold
14	Which of the following is used for lowering blood cholesterol?	A. griseofulvin B. cyclosporine C. lovastatin D. penicillin

5	Leeuwenhoek used a simple microscope to describe bacteria and protozoa and called these small creatures as:	A. microanimals B. animalcules C. beastcules D. micromonsters
6	The bacteria larger than the average eukaryotic cell is	A. Epulopiscium nigrofuscus B. Acanthurus nigrofuscus C. Epulopiscium fishelsoni D. Acanthurus fishelsoni
7	Parvoviruses have a size of	A. 250 nm B. 20 nm C. 20pm D. 25 nm
8	Gram-positive bacteria retain primary dye due to formation of which complex?	A. CV-B B. CV-Z C. CV-I D. All of these
9	In the scientific name of onion, Allium cepa, the Allium belogs to its:	A. Genus B. Group C. Species D. Family
:0	Process in which physical agents are used to control bacteria	A. Antisepsis B. Chemotherapy C. Vaccination D. Sterilization