

## MDCAT Biology Chapter 3 MCQ's Test

| Sr | Questions  | Answers Choice   |
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| 1  | An amoeba feeds on small organisms and particles of organic matter by phagocytosis, engulfing them with its:     | A. Cilia<br>B. Flagella<br>C. Tentacles<br>D. Pseudopodia  |
| 2  | Any virus with cancer causing ability could be called  | A. Retrovirus<br>B. Paramyxovirus<br>C. Oncovirus<br>D. None of these  |
| 3  | Cocci bacteria very rarely have:   | A. Cilia<br>B. Cirri<br>C. Flagella<br>D. Mitochondria   |
| 4  | The accessory pigment used by cyanobacteria in photosynthesis is   | A. Chlorophyllis<br>B. Carotenoids<br>C. Phycobilins<br>D. All these   |
| 5  | The cell walls of most bacteria have a unique macromolecule called:  | A. Teichoic acid<br>B. Lipoprotein<br>C. Peptidoglycan<br>D. Polysaccharide  |
| 6  | In 1866 , Ernst Haeckel in order to accommodate Euglena like organisms and bacteria , proposed a Kingdom called: | A. Protista<br>B. Plantae<br>C. Monera<br>D. Fungi   |
| 7  | Campylobacter is a:  | A. Microaerophilic bacterium<br>B. Aerobic bacterium<br>C. Anaerobic bacterium<br>D. Facultative bacterium   |
| 8  | Bacteria that can synthesize organic compounds from simple inorganic substances are known as:                    | A. Autotrophs<br>B. Heterotrophs<br>C. symbionts<br>D. Lichen  |
| 9  | Photosynthetic bacteria posses   | A. Chl a<br>B. Chl b<br>C. Chl c<br>D. None of these   |
| 10 | Viruses are simplest organisms and   | A. have cell membrane but not cell wall<br>B. undergo replicate<br>C. have their own enzymes<br>D. are only DNA or RNA strands without cellular structure  |
| 11 | Destruction of all life forms is   | A. Immunization<br>B. Vaccination<br>C. Sterilization<br>D. Chemoherpeutism  |
| 12 | Rhabdovirus is   | A. Tadpole shaped<br>B. Spherical<br>C. Bullet shaped<br>D. Polyhedral   |
| 13 | The difference between the kingdom protista of Robert Whittaker and Margulis and Schwartz is:                    | A. Whittaker placed simple organism in protista, while margulis and schwartz placed complex organism in protista<br><br>B. Whittaker place unicellular organisms, while Margulis and schwartz placed &nbsp;unicellular, and simple multicellular organism<br>C. Whittaker do not placed fungi and fungi like protest while margulis and schwartz did<br>D. Whittaker placed simple unicellular |

organism in protista, while margulis and schwartz placed complex organism in protista

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| 14 | Pasteur made vaccine for | A. Cholera<br>B. Hydrophobia<br>C. Anthrax<br>D. All of these |
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| 15 | The main energy reserves of green algae are stored as: | A. Cellulose<br>B. Glycogen<br>C. Starch<br>D. Murein |
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| 16 | The cell wall consists of two shells that overlap like a petridish: | A. Foraminifera<br>B. Actinopods<br>C. Slime molds<br>D. Diatoms |
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| 17 | When cocci form long chain of cells then arrangement is called as: | A. tetrad<br>B. diplococcus<br>C. sarcina<br>D. streptococci |
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| 18 | The group algae possesses representative belonging to kingdom. | A. Protista<br>B. Monera<br>C. Plantae<br>D. Slime molds |
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| 19 | The plasma membrane and everything present within is known as: | A. Protoplast<br>B. Cytoplasm<br>C. Protoplasm<br>D. Nucleoplasm |
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| 20 | A set of related genera would grouped into: | A. A family<br>B. An order<br>C. A species<br>D. A class |
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