

## MDCAT Biology Chapter 3 MCQ's Test

| Sr | Questions   | Answers Choice   |
|----|---|--|
| 1  | Malarial parasite is carried to the host by.  | A. Male culex<br>B. Male anopheles<br>C. Female culex<br>D. Female anopheles   |
| 2  | A scientist that studies on fungus is a   | A. Mycologist<br>B. Algologist<br>C. Microbiologist<br>D. None of these  |
| 3  | Which of the followings very rarely has flagella  | A. Bacilli<br>B. Cocci<br>C. Spirilla<br>D. Vibrios  |
| 4  | About 95% of all kinds of vascular plants form mycorrhizal associations with:                   | A. Algae<br>B. Protozoa<br>C. Fungi<br>D. Mosses   |
| 5  | If the cocci bacteria are arranged in irregular manner like clusters of grapes. They are called | A. Diplococci<br>B. Sarcina<br>C. Staphylococci<br>D. Streptococci   |
| 6  | The spores formed in Phylum zygomycota of fungi are called:                                     | A. Ascospores<br>B. Basidiospores<br>C. Zygosporangia<br>D. Conidia  |
| 7  | The general shapes of bacteria are known as:  | A. cocci, bacilli and spiral<br>B. cocci, bacilli and vibrio<br>C. cocci, comma and spiral<br>D. cubical, bacilli and spiral |
| 8  | ..... is a microaerophilic bacterium.   | A. Nitrobacter<br>B. Spirocheta<br>C. Pseudomonas<br>D. Campylobacter  |
| 9  | In bacteria beneath extracellular substances and external to cell membrane is present           | A. Cell wall<br>B. Capsule<br>C. Cyst<br>D. Slime  |
| 10 | Cyanobacteria range in diameter from about:   | A. 0.5-1 $\mu\text{m}$<br>B. 1-10 $\mu\text{m}$<br>C. 5-15 $\mu\text{m}$<br>D. 10-100 $\mu\text{m}$                          |
| 11 | Vaccination for HIV on experimental basis has been started in?                                  | A. 1999<br>B. 2000<br>C. 2004<br>D. 2001   |
| 12 | Reserve food material in cyanobacteria is:  | A. Starch<br>B. Cellulose<br>C. Glycogen<br>D. All a, b, c   |
| 13 | Viruses are the particles of which?   | A. Nucleic acid only<br>B. Proteins only<br>C. Nucleic acid & Protein<br>D. None of these                                    |
| 14 | Fungi are now a days placed in kingdom  | A. Protista<br>B. Protoctista<br>C. Fungi<br>D. Plantae  |
| 15 | Examples of spiral shaped bacteria are:   | A. Vibrio<br>B. Hyphomicrobium<br>C. Both a & b<br>D. Campylobacter  |

|    |  |  |
|----|--|--|
| 16 | Carolus Linnaeus developed the system of nomenclature which is called:                                   | A. Monomial<br>B. Binomial<br>C. Trinomial<br>D. Naming and classification                             |
| 17 | In cyanobacteria, filaments consisting of trichomes are surrounded by:                                   | A. Mucilaginous covering<br>B. Mucilaginous wall<br>C. Mucilaginous envelope<br>D. Mucilaginous sheath |
| 18 | Trichomes have at intervals slightly large, round, light yellowish thick walled cells called:            | A. Akinetes<br>B. Heterocysts<br>C. Hormogonia<br>D. Spores  |
| 19 | Facultative bacteria can grow  | A. In the presence of oxygen<br>B. In the absence of oxygen<br>C. Both a & b<br>D. None of these       |
| 20 | Two overlapping halves a lid and a lower half, which fit into each other is a characteristic feature of: | A. Dinoflagellates<br>B. Diatoms<br>C. Zooflagellates<br>D. Paramecium                                 |