

MDCAT Biology Chapter 3 MCQ's Test

| Sr | Questions | Answers Choice |
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| 1 | Plasmodium (slime mold) is a multinucleate mass of cytoplasm that can grow in diameter to: | A. 5 cm B. 10 cm C. 20 cm D. 30 cm |
| 2 | The shells of foraminifera made up of: | A. Silica B. Calcium carbonate C. Sponging fibers D. Sodium Hydroxide |
| 3 | Chromosome of E coil measures about _____ micrometer | A. 1400 B. 140 C. 14000 D. 14 |
| 4 | With the help of flagella, bacteria can detect and move in response to chemical signals which is a behaviour called: | A. chemotherapeutic B. chemosynthetic C. chemotaxis D. both a & b |
| 5 | Pleurotus ostreatus is | A. Saprotrophic B. Parasitic C. Predatory D. Symbiotic |
| 6 | Bacterial membrane differs from eukaryotic membrane in lacking sterols such as | A. Cholesterol B. Lactic acid C. Acetic acid D. Alcohol |
| 7 | Fungi differ from plants in that | A. Contain chitin in their cell wall B. Exhibit nuclear mitosis C. Forms mycorrhizae D. Absorptive heterotrophs |
| 8 | Different groups of fungi produce different types of haploid sexual spores, such as: | A. Basidiospores B. Ascospores C. Both a & b D. Conidiospores |
| 9 | Vibrios are | A. Comma shaped bacteria B. Spiral shaped bacteria C. Rod shaped bacteria D. Spiral shaped bacteria |
| 10 | Amoebas move by forming specialized cytoplasmic projections called: | A. Cilia B. Pseudopodia C. Flagella D. Chaetae |
| 11 | The fungi used in bakeries and breweries is | A. Mushrooms B. Yeasts C. Neurospora D. Aspergillus |
| 12 | Which of the following is a bloom-forming organism? | A. Lichens B. Blue-green algae C. Bacteria D. Choanoflagellates |
| 13 | Malarial parasite is carried to the host by. | A. Male culex B. Male anopheles C. Female culex D. Female anopheles |
| 14 | In addition to chromosomes, many bacteria contain: | A. Mitochondria B. Chloroplasts C. Plasmids D. Glyoxysomes |
| 15 | Which of the following fungi is used to give aroma to cheese: | A. Yeast B. Penicillin C. Aspergillus D. Neurospora |

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| 16 | In cyanobacteria reproduction occurs by: | A. Hormogonia B. Akinetes C. Heterocysts D. All a, b, c |
| 17 | The virus which has cancer causing genes | A. Oncovirus B. Phage C. Provirus D. Retrovirus |
| 18 | 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 |
| 19 | Conidial producing structure of fungus is called | A. Sporangia B. Conidiophore C. Colomella D. All of these |
| 20 | The terms procariotique and eu-caritique were introduced by | A. E-Chatton B. Margulis and Sachwartz C. Robert Whittaker D. Ernst Haeckel |