

MDCAT Biology Chapter 3 MCQ's Test

| Sr | Questions | Answers Choice |
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| 1 | are ecologically very important as bio-indicators of air pollution. | A. Lichens B. Predators C. Mycorrhizae D. Commensals |
| 2 | The bacteria that cause diseases in human beings are called | A. chemosynthetic bacteria B. photosynthetic bacteria C. pathogenic bacteria D. facultative bacteria |
| 3 | Algae exhibit which of following structural form: | A. Unicellular B. Distinct or coenocytic filament C. Multicellular intricately branched D. All of the above |
| 4 | If a tuft of flagella is present only at one pole of bacteria they are called | A. Monotrichous B. Lopotrichous C. Amphitrichous D. Pertitrichous |
| 5 | Collective complexes of layers external to protoplasm are called | A. Capsule B. Slime capsule C. Cell wall D. Cell envelope |
| 6 | Which one is red alga: | A. Euglena B. Gonvaulax C. Fucus D. Polysiphonia |
| 7 | A set of related genera would grouped into: | A. A family B. An order C. A species D. A class |
| 8 | When flagella surround the whole bacteria cell, the condition is called: | A. Peritrichous B. atrichous C. lophotrichous D. amphreichous |
| 9 | The virus which has cancer causing genes | A. Oncovirus B. Phage C. Provirus D. Retrovirus |
| 10 | some bacteria transfer genetic material from a donor bacterium to a recipient during a process called: | A. Binary fission B. Budding C. Regeneration D. Conjugation |
| 11 | The cell membrane invaginates into the cytoplasm forming a structure called: | A. Microsome B. Mesosome C. Centrosome D. Metasome |
| 12 | The hyphae which lack septa and are in the form of an elongated multinucleated large cell are called: | A. Septate hyphae B. Coenocytic hyphae C. Non-septate hyphae D. Both b & c |
| 13 | An amoeba feeds on small organisms and particles of organic matter by phagocytosis, engulfing them with its: | A. Cilia B. Flagella C. Tentacles D. Pseudopodia |
| 14 | Except to spierillia, bacillus and coclc, bacteria are found in which of the shapes: | A. Trichome formation and sheathed B. Stalked and square C. Star shaped and spindle shaped D. All of the above |
| 15 | The fungi used in bakeries and breweries is | A. Mushrooms B. Yeasts C. Neurospora D. Aspergillus |

| 16 | Small pox was very common until early | A. 19th century B. 17th century C. 18th century D. 20th century |
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| 17 | Viruses are the particles of which? | A. Nucleic acid only B. Proteins only C. Nucleic acid & D. None of these |
| 18 | Which one of the following reproduces only in the host cell | A. Bacteria B. Virus C. Nostoc D. Fungus |
| 19 | Which protists form spores after meiosis? | A. Oomycotes B. Myxomycota C. Brown algae D. Red alga |
| 20 | Misuse of Penicillin can cause | A. Allergic reactions B. Deafness C. Discoloration of teeth D. All these |