

MDCAT Biology Chapter 3 MCQ's Test

| Sr | Questions | Answers Choice |
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| 1 | Tuberous underground fruiting bodies of fungi found with the help of trained dogs | A. Morels B. Mushrooms C. Truffles D. All these |
| 2 | A dutch Scientist "Antone Van Leeuwenhoek" was the first to report the microbes such as: | A. Bacteria B. Protozoa C. Both a & b D. None |
| 3 | Pig could be the source of infection of hepatitis | A. E B. B C. A D. D |
| 4 | Many species of cyanobacteria form: | A. Water blooms B. Water blossoms C. Water flowers D. Water crust |
| 5 | Mesosome helps in | A. Respiration B. Replication C. Cell division D. All of these |
| 6 | John Hogg separated blue green algae and bacteria (prokaryotes) from nucleated protists and placed them in a separate group called Monera, within the kingdom. | A. Protista B. Fungi C. Plantae D. Both a & b |
| 7 | Which of the following algae is used as food source: | A. Volvox B. Spirogyra C. Ulva D. Chlorella |
| 8 | A body that is not differentiated into true root, stem and leaves and lacks vascular tissue is called a | A. Sporophyte B. Gametophyte C. Thallus D. Spore |
| 9 | Collar and end plate are present in Bacteriophages on | A. Same side of sheath B. Opposite side of sheath C. In-between the sheath D. Any were |
| 10 | Diameter of E. coli is _____ to _____ micrometer | A. 1.1-1.5 B. 1.1-1.6 C. 2.0-4.0 D. 2.0-6.0 |
| 11 | Mode of nutrition in protists is: | A. Photosynthetic B. Heterotrophic C. Both photosynthetic and heterotrophic D. Ingestive |
| 12 | The accessory pigment used by cyanobacteria in photosynthesis is | A. Chlorophylls B. Carotenoids C. Phycobilins D. All these |
| 13 | Fungi resemble plants in what way? | A. Having chitin B. Possessing cell wall C. Having glycogen D. Having centrioles |
| 14 | Oscillatoria and few other cyanobacteria can be used for: | A. Bioremediation B. Genetic experiments C. Pollution indication D. Nitrogen fixation |
| 15 | Sticky characters of bacteria is due to | A. Pili B. Capsule C. Cell wall |

16 Of the following which one is not characteristics of mesosomes

- A. They contain respiratory enzymes
- B. They are involved in gene expression
- C. They are in DNA replication
- D. They are involved in the formation of lamellae

17 Who discovered the process of lysis?

- A. Twort
- B. D'Herelle
- C. Both of these
- D. None of these

18 Mesosomes are found in the form of which of the followings?

- A. Lamellae
- B. Vesicle
- C. Tubules
- D. All of these

19 The vegetative phase of slime mould is called:

- A. Cyst
- B. Sporangium
- C. Plasmodium
- D. Mycelium

20 The plant body in a unicellular fungus

- A. Coenocytic
- B. Hyphal
- C. Non-hyphal
- D. Septate