

## MDCAT Biology Chapter 3 MCQ's Test

Sr	Questions	Answers Choice
1	Asexual reproduction is uncommon in which of the followings	A. Zygomycetes B. Ascomycetes C. Basidiomycetes D. Deuteromycetes
2	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
3	Which of these form granules or act as storage bodies in bacteria	A. Sulfur B. Minerals C. Starch D. All of these
4	Unlike plants and animals, the protists do not develop from a blastula or an	A. Egg B. Embryo C. Zygote D. Gamete
5	Many mycologists think that fungi and animals are closely related due to?	A. Starch B. Nuclear mitosis C. Autotroph D. Chitin in both groups
6	The absorptive nutrition of fungi is aided by	A. Spore formation B. They form fruiting bodies C. They are all parasites D. Their large surface area-volume ratio
7	----- reproduction takes place by spores. conidia, fragmentation, and budding.	A. Asexual B. Sexual C. Both a and b D. Non of them
8	How many tail fibers are there in a phage (T4)?	A. 4 B. 6 C. 8 D. 10
9	Which of the following radiations is used for sterilization?	A. Alpha rays B. Beta rays C. Gamma rays D. Ultraviolet rays
10	Classification of algae into phyla is largely based the composition of:	A. cell wall B. Cell membrane C. cytoplasm D. pigment
11	By Gram staining technique, gram positive bacteria are stained:	A. Pink B. Purple C. Orange D. Yellow
12	Some bacteria are covered with loose, soluble shield of macromolecules which is called as:	A. Slime capsule B. Pellicle C. Seath D. None
13	Cyanobacteria have heterocysts, which are helpful in the fixation of atmospheric:	A. Carbon B. Nitrogen C. Hydrogen D. Oxygen
14	All fungal nuclei are haploid except for transient dipoles:	A. Spores B. Zygote C. Conidia D. Zygosporangia
15	Tests of foraminifera are made of:	A. Calcium B. Silica C. Spongin D. Iron

D. Iron

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- 16 One of the followings was able to isolate bacterium responsible for chicken cholera in 1880's
- A. Louis Pasteur
  - B. Edward Jenner
  - C. Christian Gram
  - D. Robert Koch
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- 17 Lichens growing on rocks:
- A. Plain them
  - B. Rotate them
  - C. Join them
  - D. Break them
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- 18 Different groups of fungi produce different types of haploid sexual spores, such as:
- A. Basidiospores
  - B. Ascospores
  - C. Both a & b
  - D. Conidiospores
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- 19 Most protozoans ingest their food by the process of
- A. Exocytosis
  - B. Phagocytosis
  - C. Pinocytosis
  - D. Endocytosis
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- 20 By Gram staining technique, gram negative bacteria are stained:
- A. Pink
  - B. Purple
  - C. Yellow
  - D. Orange
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