

## MDCAT Biology Chapter 3 MCQ's Test

Sr	Questions	Answers Choice
1	The cytoplasm of prokaryotic cell lacks membrane bound organelles and:	A. Cytoskeleton B. Ribosomes C. Lipid granules D. Enzymes
2	All fungal nuclei are	A. Haploid B. Diploid C. Polyploid D. Euploid
3	Some species of ----- trap soil nematodes by forming constricting ring.	A. Amanita B. Penicillium C. Aspergillus D. <i>Arthrobotrys</i>
4	Bacterial photosynthesis is different because:	A. It can take place without light B. It can take place without CO <sub>2</sub> C. It can take place without water D. It can take place without photosynthetic pigments
5	Dikaryotic hyphae have	A. Two monoploid nuclei of same strain B. Two monoploid nuclei of different strains C. Two diploid nuclei D. One diploid and other monoploid nucleus
6	Wood-rotting fungi destroy:	A. Living trees B. Structural timber C. Both a & b D. Logs
7	Most called are capable of a sexual process called:	A. oogamy B. mating C. conjugation D. copulation
8	In which character, protists show diversity:	A. Ways of obtaining nutrients B. Interaction with other organisms C. Mode of reproduction D. All of these
9	-----is the largest group of fungi, including over 60,000 species.	A. Basidiomycota B. Zygomycota C. Ascomycota D. Deuteromycota
10	When rust of wheat is caused by:	A. <i>Ustilago tritici</i> B. <i>Puccinia graminis tritici</i> C. <i>Alternaria solani</i> D. <i>Xanthomonas citri</i>
11	Chemosynthetic bacteria oxidize inorganic compounds like:	A. Ammonia B. Nitrate C. Sulphur D. All a, b, c
12	First step of life cycle of phage is	A. Adsorption B. Attachment C. Both a & b D. Penetration
13	Basidiomycotes are named so for their characteristics, club-shaped sexual reproductive structure the:	A. Antheridium B. Conidium C. Ascus D. Basidium
14	The number of species of fungi are:	A. 80,000 B. 90,000 C. 100,000 D. 110,000

15 Which of the followings is obtained from a soil fungus and is used in organ transplantation for preventing transplant rejection?

A. Penicillium  
B. Griseofulvin  
C. Cyclosporin  
D. Ergotine

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16 Photosynthetic autotrophs utilize sunlight as a source of:

A. Heat  
B. Food  
C. Energy  
D. Carbon

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17 Coenocytic hyphae are also known as:

A. Septate  
B. Perforated hyphae  
C. Aseptate  
D. Imperfect hyphae

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18 Blue green algae don't contain:

A. Nucleoid  
B. Gena recombination  
C. Chlorophyll  
D. Flagella

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19 Which of the following reasons seems to be most reasonable for not placing protists in other kingdoms?

A. None of them are unicellular or have simple multicellular body  
B. Most of them are unicellular or have simple multicellular body  
C. They are ancestor of all other kingdoms  
D. They do not produce blastula and embryo

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20 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