

## MDCAT Biology Chapter 3 MCQ's Test

Sr	Questions	Answers Choice
1	Eukaryotic kingdoms, the Fungi, Plantae and Animalia, arose in various ways from	A. Prokaryotes B. Protists C. Protozoans D. Algae
2	In the two kingdom system which of the following would characterize animal:	A. Inability to move B. Cellulose cell wall C. Ingestion of food D. Photosynthesis
3	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
4	Peptidoglycans are absent in the cell wall of:	A. Eubacteria B. Archaeabacteria C. Cyanobacteria D. All of these
5	Facultative bacteria can grow	A. In the presence of oxygen B. In the absence of oxygen C. Both a & b D. None of these
6	_____ was the first species of penicillium discovered	A. Penicillium glabrum B. P. ovale C. P. notatum D. P. hordeum
7	Gram positive or negative bacteria grouping is on the basis of their	A. Capsule B. Cyst C. Cell wall D. Cell membrane
8	The algal components of lichens are present within the:	A. Hyphae B. Roots C. Rhizoids D. Sporangium
9	In cyanobacteria in the structure specialized for nitrogen-fixation is:	A. Endospore B. Aplanospore C. Heterocyst D. Nucleoid
10	In general appearance helical phages posses which shape?	A. Rod B. Spiral C. Cubical D. None of these
11	Some bacteria are neither aerobic nor anaerobic but:	A. Obligate B. Facultative C. Symbiont D. Commensal
12	Fungus like protest are not placed in fungi because:	A. Heterotroph in nature B. Their method of reproduction is plant like C. They contain centriole which is absent in fungi D. Body is plant like
13	Penicillium species are used for giving flavour, aroma (smell) and characteristic colour to some:	A. Cheese B. Bread C. Liquor D. Jams
14	A material obtained by the partial decay of plants and animals is:	A. Hunch B. Humus C. Sterols D. Murein

- 15 In which bacteria flagella ate surrounding the whole bacterial cell  
A. Atrichous  
B. Amphitrichous  
C. Peritrichous  
D. Lophotrichous
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- 16 Photosynthetic protists are presented by:  
A. Protozoans  
B. Slime moulds  
C. **Unicellular algae**  
D. All of these
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- 17 Which of the following is primary function of capsule  
A. Transport  
B. Support  
C. Motility  
D. **Adhesion**
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- 18 Micorrhizal association is found in \_\_\_\_\_ vascular plants  
A. 90%  
B. 95%  
C. 100%  
D. 80%
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- 19 An asymmetrical division of mycellium occurs during is  
A. Fragmentation  
B. Budding  
C. Sporulation  
D. None of these
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- 20 Misuse of antibiotic such as penicillin can cause:  
A. **Allergic reactions**  
B. Headache  
C. Deafness  
D. Mental retardness