

## MDCAT Biology Chapter 3 MCQ's Test

Sr	Questions	Answers Choice
1	A material obtained by the partial decay of plants and animals is:	A. Hunch B. <b>Humus</b> C. Sterols D. Murein
2	Which of the followings very rarely has flagella	A. <b>Bacilli</b> B. Coccii C. Spirilia D. Vibrios
3	Cell wall is only absent in bacteria:	A. Micrococci B. Clostridium C. Pseudomonas D. <b>Mycoplasmas</b>
4	Which one of the following reproduces only in the host cell	A. Bacteria B. <b>Virus</b> C. Nostoc D. Fungus
5	Classification of fungi into four main groups is based primarily on:	A. The type of their sexual reproductive structures B. Methods of reproduction C. Mode of nutrition D. <b>Both a &amp; b</b>
6	Which of the fungus is commonly employed in experimental genetics?	A. Puccinia B. Mushroom C. <b>Neurospora</b> D. Penicillium
7	Hormones and scrum are sterilized by:	A. Radiation B. <b>Filtration</b> C. Sterilization D. Heating
8	Which of the following bacteria are much large than the average eukaryotic cell:	A. Acanthurus nigrofuscosus B. Escherichia coli C. <b>Epulopiscium fishelsoni</b> D. Streptococci
9	Which could have a long dikaryotic stage?	A. Mildews B. Pilobolus C. Rhizopus D. <b>Aspergillus</b>
10	Penicillium is a _____ species	A. Predatory B. Chlorophyllous C. Parasitic D. <b>Saprobic</b>
11	Which is blue green mold?	A. Penicillium B. Agaricus C. Fasarium D. <b>Helminthosporium</b>
12	Five-kingdom system proposed by Margulis and Schwartz is not based on	A. Genetics B. Cellular organization C. <b>Nucleic acid</b> D. Mode of nutrition
13	Key mutualistic associations of fungi is	A. Lichens B. Mycorhizae C. Nodules D. Rhizosphere
14	Louis pasteur do not synthesized the vaccine of:	A. Chicken cholera B. <b>Small pox</b> C. Anthrax D. Rabies
15	Some staphylococci contain a plasmid which includes a gene for the enzyme.	A. <b>Penicillinase</b> B. Dehydrogenase C. Kinase

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16 Peptidoglycans are absent in the cell wall of:

A. Eubacteria  
B. Archaeabacteria  
C. Cyanobacteria  
D. All of these

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17 Gili can be seen in:

A. Spirogyra  
B. Agaricus  
C. Bacteria&nbsp;  
D. Rhizopus

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18 Bacterial membrane differs from eukaryotic membrane in lacking sterols such as

A. Cholesterol  
B. Lactic acid  
C. Acetic acid  
D. Alcohol

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19 How many tail fibers are there in a phage (T4)?

A. 4  
B. 6  
C. 8  
D. 10

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20 Of the following which one is not found in all bacteria

A. Chromatin bodies  
B. Ribosomes  
C. Cell membrane  
D. Cell wall

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