

## MDCAT Biology Chapter 3 MCQ's Test

Sr	Questions	Answers Choice
1	Except to spierillia, bacillus and coccl, bacteria are found in which of the shapes:	A. Trichome formation and sheathed B. Stalked and square C. Star shaped and spindle shaped D. All of the above
2	Which could have a long dikaryotic stage?	A. Mildews B. Pilobolus C. Rhizopus D. Aspergillus
3	The structural material of bacterial wll is:	A. Cellulose B. Peptides C. Hemicellulose D. Peptidoglycan
4	During _____, the phage directs the cell's metabolism to produce viral components	A. Adsorption B. Penetration C. Induction D. Syntesis
5	Certain electromagnetic radiations belows 300 nm are effective in killing of:	A. plants B. mammals C. birds D. microorganisms E. microorganisms
6	According to Whittakar's five-kingdom system of classification the bacteria and cyanobacteria are placed in	A. Monera B. Protista C. Plantae D. Animalia
7	The protein factories in a bacterial cell are	A. Mesosomes B. Ribosomes C. Golgi bodies D. Nucleoid
8	When tuft of flagella at each of two poles is present in bacteria, the condition is called:	A. peritrichous B. atrichous C. lophotrichous D. amphitrichous
9	Adsorption of phage occurs on a receptor site present on which?	A. Host cell wall B. Host cell membrane C. Phage D. All of these
10	The bacteria that get their food from dead organic matter are	A. saprotrophs B. photosynthetic C. parasites D. chemosynthetic
11	Immunization with attenuated cultures of bacteria is called	A. Antiseptis B. Vaccination C. Chemotherapy D. None of these
12	Gram positive or negative bacteria grouping is on the basis of their	A. Capsule B. Cyst C. Cell wall D. Cell membrane
13	The major cell infected by HIV is	A. B-lymphocyte B. T-lymphocyte C. Helper T-Lymphocyte D. Suppressor T lymphocyte
14	Most ciliates reproduce sexually by a process called	A. Spore formation B. Conjugation C. Transduction D. Transformation
15	Of the following which one is not found in all bacteria	A. Chromatin bodies B. Ribosomes C. Cell membrane D. Cilia

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16 Which of the following fungi is used to give aroma to cheese:

A. Yeast  
B. Penicillium  
**C. Aspergillus**  
D. Neurospora

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17 One of the following cyanobacterium is used as an indicator of pollution

A. Nostoc  
B. Anabaena  
**C. Oscillatoria**  
D. Chroococcus

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18 Fungi store surplus food usually as lipid droplets or glycogen in the:

A. Spore  
B. Mycelium  
C. Stolon  
D. Sporangiospore

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19 Aspergillus fumigatus causes aspergillosis but only in persons with defective immune system such as:

A. Diabetes  
B. Hepatitis  
C. HIV  
**D. AIDS**

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20 prions are responsible for

A. Cow madness  
B. Mysterious muscular disorders  
C. Lung disorders  
D. Leukemia

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