

## MDCAT Biology Chapter 3 MCQ's Test

Sr	Questions	Answers Choice
1	Certain electromagnetic radiations below 300 nm are effective in killing of:	A. plants B. mammals C. birds D. microorganisms <b>E. microorganisms</b>
2	On the basis of energy source, autotrophic bacteria can be divided into:	A. Photosynthetic B. Chemosynthetic C. Saprophytic <b>D. Both a &amp; b</b>
3	Which of the following are used on the surface of living tissues	A. Antiseptics B. Disinfectants C. Antibiotics <b>D. Both a &amp; c</b>
4	When the division is in three planes it will produce a:	A. sarcina arrangement; B. bivalent arrangement; C. tetrad arrangement; D. helical arrangement;
5	Algae differ from the plants in that the sex organs in algae are unicellular and the zygote is not protected by the:	<b>A. Parent body</b> B. Archegonium C. Sterile hair D. Cone
6	If a tuft of flagella is present only at one pole of bacteria they are called	A. Monotrichous <b>B. Lopotrichous</b> C. Amphitrichous D. Peritrichous
7	Fungi resemble animals in that it is	A. All these B. Lacks cellulose in cell wall C. Heterotrophic D. Contain chitin in the cell wall
8	In ecto mycorrhizae, the hyphae surround and extend between the cells but do not penetrate the cell walls of the:	<b>A. Roots</b> B. Shoots C. Leaves D. Flowers
9	In eukaryotes flagella originate from	<b>A. Basal bodies</b> B. Cell wall C. Cell membrane D. Cytoplasm
10	Fruiting body formed of slime moulds is:	A. Basidium B. Spores <b>C. Sporangium</b> D. Conidium
11	Pasteur discovered	A. Fermentation B. Pasteurization C. Cause of disease <b>D. All of these</b>
12	An amoeba feeds on small organisms and particles of organic matter by phagocytosis, engulfing them with its:	A. Cilia B. Flagella C. Tentacles <b>D. Pseudopodia</b>
13	In Greek the word pro means "before" and crayon means:	A. Cell B. Cytoplasm <b>C. Nucleus</b> D. After
14	Facultative bacteria grow either in the presence absence of:	A. Carbon B. Nitrogen C. hydrogen <b>D. Oxygen</b>
15	The volume of phage is about how many times less than host	A. 100 B. 10 <b>C. 100,000</b>

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16	Gametangia of the fungus are	A. Haploid B. Diploid C. Filamentous D. All of these
17	A tetrad is a square of:	A. 2 cocci B. 4 cocci C. 6 cocci D. 8 cocci
18	Phipps was inoculated with which first?	A. Small pox B. Chicken pox C. Pox D. Cow pox
19	Septate hyphae are	A. Monokaryotic B. Dikaryotic C. Both a & b D. Multi karyotic
20	Two overlapping halves a lid and a lower half, which fit into each other is a characteristic feature of:	A. Dinoflagellates B. Diatoms C. Zooflagletes D. Paramecium

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