

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 E. microorganisms
2	On the basis of energy source, autotrophic bacteria can be divided into:	A. Photosynthetic B. Chemosynthetic C. Saprophytic D. Both a & b
3	Which of the following are used on the surface of living tissues	A. Antiseptics B. Disinfectants C. Antibiotics D. Both a & c
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:	A. Parent body 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. Lopotrichous 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:	A. Roots B. Shoots C. Leaves D. Flowers
9	In eukaryotes flagella originate from	A. Basal bodies B. Cell wall C. Cell membrane D. Cytoplasm
10	Fruiting body formed of slime moulds is:	A. Basidium B. Spores C. Sporangium D. Conidium
11	Pasteur discovered	A. Fermentation B. Pasteurization C. Cause of disease D. All of these
12	An amoeba feeds on small organisms and particles of organic matter by phagocytosis, engulfing them with its:	A. Cilia B. Flagella C. Tentacles D. Pseudopodia
13	In Greek the word pro means "before" and cyto means:	A. Cell B. Cytoplasm C. Nucleus D. After
14	Facultative bacteria grow either in the presence or absence of:	A. Carbon B. Nitrogen C. hydrogen D. Oxygen
15	The volume of phage is about how many times less than host	A. 100 B. 10 C. 100,000 D. 1000

D. 1000

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