

## MDCAT Biology Chapter 3 MCQ's Test

Sr	Questions	Answers Choice
1	Cytoplasm of prokaryotes lacks	<p>A. Cytoskeleton            B. Ribosomes            C. Mesosomes            D. Storage granules</p>
2	Which of the following is not the postulates of Germ theory of disease:	<p>A. A specific organism can always be found in association with give disease            B. The organism cannot be isolated and grown in pure culture in the laboratory            C. The pure culture will produce &amp;nbsp;the disease when inoculated into susceptible animal            D. it is possible to recover the organism in pure culture form experimentally infected animal</p>
3	The fusion of cytoplasm is called:	<p>A. Plasmogamy            B. Karyogamy            C. Pseudogamy            D. Cytogamy</p>
4	Which of the following can be found in all viruses	<p>A. RNA            B. Single stranded DNA            C. Protein            D. All of these</p>
5	Cells in _____ can also be infected by HIV in addition to Lymphocytes	<p>A. Kidney            B. CNS            C. Lungs            D. Spinal Fluid</p>
6	A wall-less monera is:	<p>A. Eubacteria&amp;nbsp;            B. Archaeobacteria&amp;nbsp;            C. Cyanobacteria            D. Mycoplasma&amp;nbsp;</p>
7	There are _____ capsomeres in herpes virus	<p>A. 252            B. 250            C. 150            D. 162</p>
8	Extremely thin hair like appendages of bacteria are known as	<p>A. Cilia            B. Flagella            C. Fimbriae            D. All of these</p>
9	The group algae possesses representative belonging to kingdom.	<p>A. Protista&amp;nbsp;            B. Monera            C. Plantae            D. Slime molds</p>
10	Which one is red alga:	<p>A. Euglena            B. Gonvaulax            C. Fucus            D. Polysiphonia</p>
11	Bacteria can't pass through these filters	<p>A. Paper            B. Glass            C. Whatmann            D. Porelain</p>
12	The closest relative of fungi	<p>A. Animals            B. Bryophytes            C. Algae            D. Angiosperms</p>
13	Bacteria reporduce asexully by mean of:	<p>A. Endospore formation&amp;nbsp;            B. Cyst formation&amp;nbsp;            C. Fission            D. All of these</p>
14	Hyphae may be packed together and organized to form complex reproductive structure such as:	<p>A. Mushrooms            B. Puff balls            C. Morels            D. ...</p>

D. All a, b, c

15 Tail core is forced into the cell by contraction of which of the following?

- A. Head
- B. Tail sheath
- C. Collar
- D. None of these

16 True pili are present on:

- A. Gram negative bacteria
- B. Gram positive bacteria
- C. Both a & b
- D. None

17 He was 1st to report microbes

- A. Robert Koch
- B. Louis Pasteur
- C. Leeuwenhoek
- D. None of these

18 Halogens and phenols, hydrogen peroxide, potassium permanganate, alcohol and formaldehyde are.

- A. disinfectants
- B. antibiotics
- C. antiseptics
- D. antigens

19 Thick walled, enlarge vegetative cells which accumulate food and become resting cells in Nostoc are:

- A. Heterocysts
- B. Akinetes
- C. Cysts
- D. Spores

20 Disinfectants inhibit the growth of vegetative cell and are used on:

- A. living materials
- B. nonliving materials
- C. both a & b
- D. none