

## MDCAT Biology Chapter 3 MCQ's Test

Sr	Questions	Answers Choice
1	The core present inside the tail of the phage is composed which?	A. DNA B. RNA C. Proteins D. None of these
2	Which eukaryote is mostly used by genetic engineers	A. Pencillium B. Yeast C. Slime mold D. Aspergillus
3	Which culture of bacteria is called vaccine?	A. Weak B. Attenuated C. Dead D. All of these
4	Many species of cyanobacteria form:	A. Water blooms B. Water blossome C. Water flowers D. Water crust
5	Spirochete is:	A. Aerobic bacterium B. Anaerobic bacterium C. Obligate bacterium D. Facultative bacterium
6	What is special features of nuclear mitosis?	A. No spindles B. No segregation C. no mitotic apparatus D. No disintegration of nuclear envelops
7	The structures involved in mating process between bacterial cell (conjugated) are	A. Palsmids B. Pilli C. Mesosomes D. Flagella
8	Which is not green alga:	A. Chlorella B. Chlamydomonas C. Spirogyra D. Fucus
9	Epulopiscium fishelsoni grows as large as 600 um by ...um.	A. 80 B. 70 C. 90 D. 60
10	Fungi resemble plants in what way?	A. Having chitin B. Possessing cell wall C. Having glycogen D. Having centrioles
11	About-----species of mushrooms are edible:	A. 400 B. 200 C. 100 D. 300
12	All of the followings are methods of asexual reproducing in fungi except	A. Budding B. Conidia C. Spores D. Zygosporos
13	Different groups of fungi produce different types of haploid sexual spores, such as:	A. Basidiospores B. Ascospores C. Both a & b D. Conidiospores
14	The feeding stage of a slime mold is a:	A. Blastostyle B. Gastrozoid C. Plasmodium D. Sporozoite
15	During which phase of reproduction death rate become equal to newly formed bacteria	A. Lag B. Log C. Stationary D. Death

D. All these

16 Green sulphur bacteria, purple sulphur bacteria and purple non-sulphur bacteria are examples of which of the following bacteria

- A. Saprotrophic
- B. photosynthetic
- C. Parasites
- D. Chemosynthetic

17 Which of the following is an infectious protein particle:

- A. Capsid
- B. Prion
- C. Virion
- D. Retrovirus

18 Cyanobacteria are

- A. Prokaryotes
- B. Eukaryotes
- C. Akaryotes
- D. Acellular

19 Bacteria attach on the substrate with the help of

- A. Pili
- B. Flagella
- C. Cilia
- D. Basal bodies

20 The diameter ranging 0.75 to 1.25  $\mu$  has been observed in:

- A. Staphylococci
- B. Streptococci
- C. Diplococci
- D. Both a & b