

## MDCAT Biology Chapter 3 MCQ's Test

Sr	Questions	Answers Choice
1	The exact sequence in the staining of bacteria is as:	A. Crystal violet - alCohol- Safranin - Iodine B. Iodine &nbsp;- Alcohol - Crystal Violet - Safranin C. Crystal violet - Iodine - Alcohol - Safranin D. Crystal violet - Iodine - Safranin - Alcohol
2	Which of the following is an infectious protein particle:	A. Capsid B. Prion C. Virion D. Retrovirus
3	Pili are primarily involved in a mating process between cells called:	A. Plasmogamy B. Budding C. Akinetes D. Conjugation
4	Early researches on bacteriophages were on those who infect?	A. Pseudomonas B. Rhizobium C. B. coil D. E. coil
5	Parasitic bacteria are fully dependent on their host for their:	A. Respiration B. Excretion C. Nutrition D. Growth
6	Infected person can be recovered completely from hepatitis	A. A B. B C. Both a and b D. C
7	Spores (teliospores) of Ustilago tritici are carried by:	A. Water B. Insects C. Wind D. Birds
8	Which of the following statement is correct?	A. All bacteria are autotrophic B. All bacteria are heterotrophic C. All bacteria are photosynthetic D. Most bacteria are heterotrophic but some are autotrophic
9	Ascomycotes are commonly known as	A. Club fungi B. Sac fungi C. Imperfect fungi D. Deuteromycetes
10	During 1st step of reverse transcription which is used as template?	A. DNA B. Single stranded RNA C. Both a & b D. Double stranded RNA
11	Hollow, nonhelical, filamentous appendages in bacteria are:	A. Cilia B. legs C. flagella D. pili
12	Rusts and smuts come under	A. Notorious B. Delicacies C. Slime molds D. Diatoms
13	The oyster mushroom paralyzes the:	A. Earthworms B. Nematodes C. Leeches D. Nereis
14	Cyanobacteria form symbiotic association with	A. Protozoa B. Fungi C. Nitrogen fixing species D. All these

15	Phycocyanin pigment is predominant phycobilin of:	A. Bacteria B. Cyanobacteria C. Diatoms D. Golden brown algae
16	The organism that obtains carbon and energy from organic matter is	A. Heterotroph B. Autotroph C. Chemosynthetic D. Parasite
17	The group algae possesses representative belonging to kingdom.	A. Protista B. Monera C. Plantae D. Slime molds
18	Fruiting body formed of slime moulds is:	A. Basidium B. Spores C. Sporangium D. Conidium
19	The structure of the phage _____ is relatively more complex	A. Tail core B. Head C. Genome D. Tail
20	The diameter ranging 0.75 to 1.25 u has been observed in:	A. Staphylococci B. Streptococci C. Diplococci D. Both a & b