

MDCAT Biology Chapter 3 MCQ's Test

Sr	Questions	Answers Choice
1	Chronic liver disease is most frequently caused by	A. HAV B. HBV C. HCV D. HIV
2	Gills can be seen in:	A. Spirogyra B. Agaricus C. Bacteria D. Rhizopus
3	Phage injects which of these into the host cell?	A. RNA B. DNA C. Tail core D. Both a & Document & Common C
4	Which is the sexual process in bacteria?	A. Conjugation B. Transduction C. Transformation D. All of these
5	The bacteria that cannot synthesize their own organic compounds from simpler inorganic substances are called	A. Autotrophic B. Chemosynthetic C. Heterotrophic D. Saproprophitic
6	Unlike plant and animal, however, protists do not develop from a:	A. Blastula B. Embryo C. Botha a & b D. Foetus
7	In Basidiomycota four haploid sexual spores, called the, are borne on each basidium.	A. ascospores B. Conidiophores C. Basidiospores D. Zygospores
8	Phycocyanin pigment is predominant phycobilin of:	A. Bacteria B. Cyanobacteria C. Diatoms D. Golden brown algae
9	reproduction takes place by spores. conidia, fragmentation, and budding.	A. Asexual B. Sexual C. Both a and b D. Non of them
10	Diplobacilli occur in:	A. Pairs B. Tetrad C. Sarcina D. Chains
11	The hyphae which lack septa and are in the form of an elongated multinucleated large cell are called:	A. Septate hyphae B. Coenocytic hyphae C. Non-septate hyphae D. Both b & c
12	Which of the following is a bloom-forming organism?	A. Lichens B. Blue-green algae C. Bacteria D. Choanoflagellates
13	Mycologists are scientists who study:	A. Mucus B. Algae C. Protists D. Fungi
14	Trichome mostly breaks near heterocyst and forms hormogonia and thus help in:	A. Fragmentation B. Budding C. Binary fission D. Conjugation
15	Some occasionally reach the length of 500 micrometer	A. Spirochetes B. Streptococci C. Diplococci D. Cocci

16	Nucleoid is visible in the light microscope after staining with:	A. Gram stain B. Feulgen stain C. Eosin stain D. Haematoxylin
17	A bite of glossina (Tsetse) fly may transmit:	A. Trichonympha B. Entamoeba histolytica C. Plasmodium D. Trypanosoma
18	Oomycotes include a number of pathogenic organisms, including downy mildew:	A. Physarum polycephalum B. Phytophthora indestans C. Rhodotorula D. Candida albicans
19	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
20	Some bacteria are covered with loose, soluble shield of macromolecules which is called as:	A. Slime capsule B. Pellicle C. Seath D. None