

MDCAT Biology Chapter 3 MCQ's Test

| Sr | Questions | Answers Choice |
|----|---|---|
| 1 | Monophyletic lineage means: | A. Origin from one group B. Origin from one phylum C. Origin from one ancestor D. Origin from many ancestors |
| 2 | In Basidiomycota four haploid sexual spores, called the-----, are borne on each basidium. | A. Ascospores B. Conidiophores C. Basidiospores D. Zygospores |
| 3 | The most common method of reproduction in bacteria is: | A. Budding; B. Fission C. Ecdysis D. Conjugation |
| 4 | Most of bacilli and spiral shaped bacteria have: | A. Cilia B. Pseudopodia C. Flagella D. Cirri |
| 5 | Gametangia of the fungus are | A. Haploid B. Diploid C. Filamentous D. All of these |
| 6 | -----is the largest group of fungi, including over 60,000 species. | A. Basidiomycota B. Zygomycota C. Ascomycota D. Deuteromycota |
| 7 | Viruses are the particles of which? | A. Nucleic acid only B. Proteins only C. Nucleic acid & Protein D. None of these |
| 8 | Histoplasmosis is disease of | A. Lungs B. Heart C. Trachea D. Kidney |
| 9 | In which character, protists show diversity: | A. Ways of obtaining nutrients B. Interaction with other organisms C. Mode of reproduction D. All of these |
| 10 | Prions are responsible for | A. Cow madness B. Mysterious muscular disorders C. Lung disorders D. Leukemia |
| 11 | Which bacteria are more permeable | A. Gram positive B. Gram negative C. Equal in Permeability D. Any of these |
| 12 | Bacteria which are able to grow in the presence of oxygen, are called: | A. Aerobic bacteria B. Anaerobic bacteria C. Obligate bacteria D. Facultative bacteria |
| 13 | A scientist that studies on fungus is a | A. Mycologist B. Algologist C. Microbiologist D. None of these |
| 14 | 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 |
| 15 | Factory of ribosome synthesis in Bacteria? | A. Nucleolus B. Nucleoid C. Chromosome D. None of these |

16 In Chemotherapy

A. Cancerous parts are exposed to short wave radiation
B. Administrating certain anti-cancerous
C. Gene therapy
D. All of these

17 An irregular dense area in a bacterial cell formed by a single circular, double-stranded DNA molecule is

A. Mesosome
B. Plasmid
C. Nucleoid
D. Cyst

18 A facultative parasite is own which:

A. Always requires dead organic matter
B. Always requires a living host
C. Is normally a parasite but can also become a saprophyte
D. Is normally a saprophyte but can also become a parasite

19 Which of the following is not DNA virus

A. Pox virus
B. Polio virus
C. Herpes virus
D. Both a & c

20 ----- reproduction takes place by spores. conidia, fragmentation, and budding.

A. Asexual
B. Sexual
C. Both a and b
D. Non of them
