

MDCAT Biology Chapter 3 MCQ's Test

Sr	Questions	Answers Choice
1	Nucleoid is visible in the light microscope after staining with:	A. Gram stain B. Feulgen stain C. Eosin stain D. Haematoxylin
2	Which of the following cannot be grown on artificial media	A. Obligate parasite of Bacteria B. Obligate parasite of Fungi C. Viruses D. All of these
3	Dormant, thick-walled desiccation resistant forms present in bacteria are:	A. Cysts B. Exospores C. Endospores D. Both a & b
4	Fungi obtain their food by direct absorption from the immediate environment and are thus:	A. Ingestive heterotrophs B. Phototrophs C. Absorptive heterotrophs D. None
5	Red-tide is caused by:	A. Gonyaulax B. Slime molds C. Diatom D. Ulva
6	These bacteria are smallest and without cell wall	A. Mycoplasma B. Spirochete C. Pseudomonas D. E. coli
7	Which of the following is an edible fungus?	A. Morchella B. Agaricus C. Penicillium D. Both a and b
8	The organism that obtains carbon and energy from organic matter is	A. Heterotroph B. Autotroph C. Chemosynthetic D. Parasite
9	Phage injects which of these into the host cell?	A. RNA B. DNA C. Tail core D. Both a & b
10	The function of micronucleus is:	A. Reproduction B. Control of cell metabolism C. Digestion D. Movement
11	Phycocyanin pigment is predominant phycobilin of:	A. Bacteria B. Cyanobacteria C. Diatoms D. Golden brown algae
12	Protists having both the characters of plants and animals are:	A. Euglena B. Slime moulds C. Both a and b D. None of these
13	An independent evolutionary unit is	A. Species B. Genus C. Class D. Kingdom
14	What is deposited in the shell of diatoms:	A. Calcium B. Pectin C. Silica D. Lignin
15	Digestive enzymes are specifically secreted by which part of Rhizopus	A. Rhizoids B. Sporangium C. Stolon D. Columella

16	The bacteria without flagella are called	A. Atrichous B. Lopotrichous C. Peritrichous D. Monotrichous
17	In which phase death rate becomes equal to rate of reproduction	A. Lag phase B. Log phase C. Stationary phase D. Decline phase
18	Many species of cyanobacteria form:	A. Water blooms B. Water blossome C. Water flowers D. Water crust
19	Ascospores are produced by meiosis inside their characteristic sac like structures called:	A. Basidia B. Conidia C. Asci D. Sporangia
20	On the basis of general shape bacteria are classified into how many categories?	A. 3 B. 6 C. 4 D. None
