

MDCAT Biology Chapter 3 MCQ's Test

Sr	Questions	Answers Choice
1	Saprotrophs (saprobes) are decomposers that obtain their food directly from:	A. Living host B. Living guest C. Dead organic matter D. Inorganic matter
2	Plasmid are	A. Circular single stranded DNA B. Double stranded RNA C. Circular double stranded DNA D. Essential for growth of DNA
3	Which of the following is a bloom-forming organism?	A. Lichens B. Blue-green algae C. Bacteria D. Choanoflagellates
4	The site of respiratory activity in bacteria is:	A. Mesosome B. Episome C. Ribosome D. Microsome
5	E.coli is an	A. Aerobic bacteria B. Anaerobic bacteria C. Facultative bacteria D. Microaerophilic
6	Most of the visible part of consists of :	A. Algae B. Fungi C. Roots D. Bacteria
7	All of the following fungi are pathogens except	A. Rusts B. Smuts C. Molds D. Mushrooms
8	A large, polyploidy macronucleus of ciliates controls cells:	A. Metabolism B. Growth C. Both a & b D. Sexual process
9	Contractile vacuole is meant for:	A. Food digestion B. Food capturing C. Osmoregulation D. Ejection of waste products
10	Plasmids are:	A. Extra chromosomal genetic elements of bacteria B. Foods of plasma membrane C. Viruses D. Totally new types of organisms
11	Epulopiscium fishelsoni grows as large as 600 um by ...um.	A. 80 B. 70 C. 90 D. 60
12	lichens represent symbiotic relationship between:	A. Rhizobium and roots B. Algae and higher plants C. Algae and bacteria D. Algae and fungi
13	Black spores are formed in case of	A. Smuts B. Rusts C. Fusarium D. Puccinia graminis
14	Various mildews and most rust species are:	A. Obligate parasite B. Facultative parasite C. Microaerophilic parasite D. Both a & c
15	Species is the basic unit of :	A. Evolution B. Genetics C. Ecology

D. Classification

-
- 16 Most of bacilli and spiral shaped bacteria have:
- A. Cilia
 - B. Pseudopodia
 - C. Flagella
 - D. Cirri
-
- 17 Phage DNA takes control of the host biosynthetic machinery in which?
- A. Lytic cycle
 - B. Lysogeny
 - C. Both a & b
 - D. None of these
-
- 18 Which is member of Chlorophyta:
- A. Gelidium
 - B. Spirogyra
 - C. Pinnularia
 - D. Ceratium
-
- 19 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
-
- 20 One of the following very rarely has flagella
- A. bacilli
 - B. cocci
 - C. spirilla
 - D. vibrios
-