

MDCAT Biology Chapter 3 MCQ's Test

Sr	Questions	Answers Choice
1	Rhizoids are present in fungi:	A. Saprotophs B. Parasites C. Predators D. Mutualistic
2	Which is used in baking of bread?	A. Neurospora B. Rhizopus C. <i>Saccharomyces cerevisiae</i> D. All of above
3	Which of following is not heat resistant	A. Spores B. Cysts C. Both D. None
4	Shell of which one of the following is composed of interlocking cellulose plates	A. Dinoflagellates B. Diatoms C. Kelps D. Red algae
5	What is the bacterial cell wall made up of?	A. cellulose B. chitin C. phospholipids D. peptidoglycans
6	Which of the following characters is not zooflagellates:	A. These protists are mostly unicellular. A few organisms are colonial B. They have spherical or elongated bodies C. They have single central nucleus D. They have pseudopodia;
7	The exact sequence in the staining of bacteria is as:	A. Crystal violet - alcohol - Safranin - iodine B. Iodine - Alcohol - Crystal Violet - Safranin C. Crystal violet - iodine - alcohol - Safranin; D. Crystal violet - iodine - Safranin - alcohol
8	E. coli is an	A. Aerobic B. Anaerobic C. Facultative aerobe D. Facultative anerobe
9	Monophyletic lineage means:	A. Origin from one group B. Origin from one phylum C. Origin from one ancestor D. Origin from many ancestors
10	Choanoflagellates are of special interest because of their resemblance to collar cells in:	A. Cnidarians B. Sponges C. Helminths D. Nematodes
11	Parvoviruses have a size of	A. 250 nm B. 20 nm C. 20pm D. 25 nm
12	Antibiotics obtained from a fungus and used in organ transplantation for preventing transplant rejection is:	A. Penicillin B. Cyclosporine C. Lovastatin D. Ergotine
13	What attacks immuno suppressed patients	A. Purple ergot B. Yeast C. <i>Candida albicans</i> D. <i>Aspergillus fumigatus</i>
14	Mesosomes are associated with:	A. DNA Replication B. Nuclear division C. Photosynthesis

15 Pleurotus ostreatus is

A. Saprotrophic
B. Parasitic
C. Predatory
D. Symbiotic

16 The structure of the phage _____ is relatively more complex

A. Tail core
B. Head
C. Genome
D. Tail

17 Paramecium, Vorticella and Stentor belong to which of the following group of Protozoa

A. Zooflagellates
B. Apicomplexans
C. Actinopods
D. Ciliates

18 Fungi store surplus food in the form of

A. Starch
B. Sulfur
C. Chitin
D. Glycogen & oil

19 The amount of peptidoglycan in the bacterial cell wall is

A. 35-40%
B. 45-50%
C. 50%
D. 60%

20 Sexual reproduction in yeast is by

A. Ascospores
B. Basidiospores
C. Conidia
D. Both a and b
