

MDCAT Biology Chapter 3 MCQ's Test

Sr	Questions	Answers Choice
1	Double stranded circular DNA molecule present in bacterial cell in addition to chromosomes are called	A. Plasmid B. Mesosome C. Nucleoid D. Nucleoli
2	Phage DNA takes control of the host biosynthetic machinery in which?	A. Lytic cycle B. Lysogeny C. Both a & b D. None of these
3	The organism that obtains carbon and energy from organic matter is	A. Heterotroph B. Autotroph C. Chemosynthetic D. Parasite
4	Trichomes have at interval slightly large, round, light yellowish thick walled cells called:	A. Akinetes B. Heterocysts C. Hormogonia D. Spores
5	The fungi used in bakeries and breweries is	A. Mushrooms B. Yeasts C. Neurospora D. Aspergillus
6	Which is used in production of soya sauce, Soya paste?	A. Cyclosporine B. Neurospora C. Griseofulvin D. Aspergillus
7	Fungi can survive in dry conditions in which one of the following stage	A. Asexual reproduction B. Sexual reproduction C. Resting stage D. Active stage
8 is a microaerophilic bacterium.	A. Nitrobacter B. Spirocheta C. Pseudomonas D. Campylobacter
9	Which is role of slime?	A. Pathogenicity B. Phagocyte resistance C. Sticky nature D. Both a & b
10	Investigations of cell membrane of a bacterial cell into the cytoplasm in the form of vesicular tubules or lamellae concerned with DNA replication are	A. endoplasmic reticulum B. lysosomes C. mesosomes D. plasmodesmata
11	Which of the following radiations is used for sterilization?	A. Alpha rays B. Beta rays C. Gamma rays D. Ultraviolet rays
12	Which of the following fungi is delicious fungus:	A. Truffles B. Yeast C. Rust D. Penicillin
13	Oyster mushroom is which of the following types of fungus	A. Parasitic B. Predatory C. Saprotrophic D. Mutualistic
14	Apicomplexans lack specific structure for locomotion but move by:	A. Contracting B. Gliding C. Bending D. Flexing
15	Mesosomes are found in the form of which of the followings?	A. Lamellae B. Vesicle C. Tubules D. All of these

16	When plane of division is random what will be produced in cocci?	A. Diplococcus B. Streptococcus C. Sarcina D. None of these
17	-----ferment carbohydrate (glucose) to ethanol and carbon dioxide.	A. Mushrooms B. Yeasts C. Alternaria D. Penicillium
18	Some bacteria require a low concentration of oxygen for growth and are known as:	A. aerobic B. Anaerobic C. Microaerophilic D. Facultative
19	Circular double stranded DNA molecules in addition to chromosomes in some bacteria	A. Mesosomes B. Vectors C. Plasmid D. Chromatin body
20	Which fungi have extensive enzymes	A. Saprophyte B. Symbiotic C. Parasite D. Predatory
