

MDCAT Biology Online Test

Sr	Questions	Answers Choice
1	_____ are important components of brain and plasma membrane:	A. Nucleoproteins B. Glycolipids C. Lipoproteins D. Phospholipids
2	In 1917, Joseph Grinnell an American ornithologist first proposed the term niche in:	A. Taxonomy B. Neurology C. Ecology D. Embryology
3	Animal cells differ from plant cells in having	A. 80 S ribosome B. Chloroplasts C. Mitochondria D. Centrioles
4	Dormancy in animals through a drought or dry season is called:	A. Eurythermal B. Diapause C. Aestivation D. None of these
5	How may gene pairs contribute to the wheat grain colour?	A. one B. two C. three D. four
6	Air conditioners are the source of	A. Effluents B. SO ₂ , NO ₂ C. Heavy metals D. CFCs
7	The synecology is also termed as	A. Community ecology B. Population ecology C. Specie ecology D. All of above
8	Which of the following things were not collected by Darwin?	A. Specimens of diverse faunas and floras of south America B. South American fossils C. 13 types of finches D. Turtles
9	In limnetic zone the phytoplankton are:	A. Cyanobacteria B. Protozoan C. Fungi D. Bacteria
10	Which one of the following always contains DNA?	A. Centriole B. Lysosome C. Golgi apparatus D. Mitochondrion
11	Nucleotide is to ___ as amino acid is to ___	A. Nucleic acids, Lipids B. Nucleic acids, Proteins C. Proteins, Lipids D. Lipids, proteins
12	Mutations are inherited only if they occur in the	A. Gland cells B. Gametes C. Muscle cells D. Somatic cells
13	Three principal stages of nitrogen cycle are:	A. Ammonification, Nitrification, and Assimilation B. Ammonification, Acidification, and Assimilation C. Esterification, Nitrification, and Assimilation D. Ammonification, Nitrification, and Denitrification
14	Which of the following cross is carried to check the genotype of an individual showing a dominant phenotype	A. Check cross B. Test Cross C. Criss cross D. Self cross

15	Synaptic vesicles are present in synaptic knob that is part of	A. Post synaptic neuron B. Pre synaptic neuron C. Both neurons D. Second neuron
16	The first comers in an area are termed as	A. Consumers B. Producers C. Pioneers D. All of above
17	Oxides of nitrogen are produced by burning of	A. Carbonate B. Leaded petrol C. Fossil fuels D. All of above
18	Insect and flower relationship is the example of	A. Mutualism B. Commensalism C. Parasitism D. All of above
19	Nicotinamide adenine dinucleotide is an example of	A. Cofactor B. Coenzyme C. Prosthetic group D. Nucleotide
20	Predation is a process of	A. Prey B. Predator C. Prey and predator D. None of these