

MDCAT Biology Online Test

Sr	Questions	Answers Choice
1	Which of the following is an example of ribozyme	A. Aminopeptidase B. Pancreatic lipase C. Peptidyl transferase D. Cytochrome oxidase
2	Dandruff is caused by	A. Algae B. Bacteria C. Fungi D. Virus
3	Both meissner's and pacinian corpuscles have_____ nerve endings	A. Spiral B. Encapsulated C. Free D. Deep
4	Which of the following is true about mesoglea	A. Acellular B. Mesodermal C. Cellular D. Multicellular
5	Which is correct about myelin sheath	A. It speeds up conduction B. It is found in all axons C. It is found in all dendrites D. It is proteinaceous only
6	Phosphorylation of glucose molecule in glycolysis is carried out by	A. ATPase B. Kinase C. Isomerase D. Transferase
7	Secondary structure is the ultimate structural level of which of the following proteins?	A. Trypsin B. Insulin C. Keratin D. Glucose
8	The lake ecosystem can be divided into _____ number of zones:	A. Two B. Three C. Four D. Five
9	Bilirubin	A. Turns skin Yellow B. Damages brain cells C. Causes jaundice D. All of these
10	Viruses containing RNA rather than DNA are called	A. Riboviruses B. Bacteriophages C. Rotaviruses D. Retroviruses
11	The amount of energy left after plants have met their respiratory needs is net primary production, which shows up as plant:	A. Respiration B. Photosynthesis C. Biomass D. Reserve
12	Genes can be mapped on chromosomes on the basis of	A. Sex linkage B. Assortment C. Recombination frequency D. Gene sequencing
13	Primary succession that starts in a pond is called:	A. Hydrosere B. Derosere C. Xerosere D. Aquasere
14	Green photosynthetic plants are	A. Producers B. Consumers C. Decomposers D. None of the above
15	The term ecology was first used by a _____ zoologist.	A. American B. Canadian C. German D. Greece

16	The nutrient cycles are also called as	<ul style="list-style-type: none">A. Biogeochemical cyclesB. Biochemical cyclesC. Geo-cyclesD. All of above
17	The nutrients in aquatic ecosystem tends to be concentrated near the	<ul style="list-style-type: none">A. BottomB. SurfaceC. Center of total depthD. 10 feet below the surface
18	Decrease in progesterone level in blood stimulates the secretion of	<ul style="list-style-type: none">A. EstrogenB. FSHC. CortisolD. Oxytocin
19	The ecosystem consists of interacting components,	<ul style="list-style-type: none">A. BioticB. AbioticC. Bioic and AbioticD. None of these
20	Each biome consists of a combination of plants and animals in the fully developed	<ul style="list-style-type: none">A. Climax communityB. CommunityC. PopulationD. None of above