

MDCAT Biology Online Test

Sr	Questions	Answers Choice
1	Head of T4 bacteriophage contain	A. Single stranded DNA B. Double stranded DNA C. Single stranded RNA D. Both RNA and DNA
2	As the number of the predators decreases the numbering of prey:	A. Decreases B. Increases C. Remain constant D. Sometime increases sometime decrease
3	The productivity can be indicated by:	A. Consumption of water and evolve of O_2 B. Consumption of CO_2 and water C. Consumption of CO_2 and evolve of O_2 D. Consumption of minerals and evolve of N_2
4	Which can convert glucose to glucose 6 phosphate	A. Hexokinase B. Glucokinase C. Phospho fructokinase D. Both a & b
5	Many cold-blooded animals remain inactive during winter season; it is called:	A. Hibernation B. Condensation C. Morphosis D. Proto-operation
6	Which of the following helps in recognition of substrate	A. Active site B. Catalytic site C. Binding site D. All
7	Which is incorrect statement about spinal cord	A. White matter contains myelinated axons B. Grey matter contains non myelinated axons C. Grey matter contains cell bodies of sensory neurons D. Location of Peripheral nerve is near to spinal cord
8	The study of different communities (grouping of population) in relation to their environment is called	A. Autecology B. Synecology C. Ecology D. Biogeography
9	The land will be turned to barren land if there is:	A. Little grazing B. Moderate grazing C. Over grazing D. None grazing
10	Which of the following is a living character of virus	A. Formation of Crystals B. Production of new viral particles C. Coordination D. Metabolism
11	Substances cross the cell membrane more easily when they are	A. water soluble B. protein soluble C. alcohol soluble D. lipid soluble
12	Which of the following is an example of ribozyme	A. Aminopeptidase B. Pancreatic lipase C. Peptidyl transferase D. Cytochrome oxidase
13	The change in frequency of alleles at a locus that occurs by chance is called :	A. genetic drift B. genetic change C. gene mutation D.

		D. gene frequency
14	Skeleton of echinoderms is originated from	A. Ectoderm B. Endoderm C. Mesoderm D. Epidermis
15	The most common animal of phylum Aschelminthes is:	A. Enterobuis vermicularis B. Ascaris lumbricoides C. Ancylostoma duodenale D. Rhabditis
16	Polytrichum is a	A. Lichen B. Algae C. Liver worts D. Moss
17	Which enzyme deficiency leads to phenylketonuria	A. Phenylalanine oxidase B. Phenylalanine hydroxylase C. Phenylalanine synthase D. Phenylalanine carboxylase
18	Abiotic factors include:	A. Geomagnetism B. Gravity C. Water D. All these
19	Platyhelminthes have	A. Asymmetrical body B. Radial symmetry C. Bilateral symmetry D. Diploblastic organization
20	Omnivores are described by how many trophic levels	A. Any 2 B. Any 3 C. Any 1 D. Primary & any higher