

MDCAT Biology Online Test

Sr	Questions	Answers Choice
1	On an average, there are 50 or more thylakoids piled to form one	A. Intergranum B. Crista C. Granum D. F ₁ particle
2	The simplest mono saccharide containing keto group is:	A. Glyceraldehyde B. Glucose C. Dihydroxyacetone D. Ribose
3	Which of the following cannot cross the phospholipid bilayer easily	A. Ions B. Gas molecules C. Ethanol D. Steroids
4	Green photosynthetic plants are	A. Producers B. Consumers C. Decomposers D. None of the above
5	Macronutrients are required by the organisms in:	A. Small amount B. Large amount C. Traces D. Never required
6	HIV attaches on cell membrane of T cell at _____ receptor site	A. Cd2 B. Cd4 C. Cd8 D. Gp120
7	Joseph Grinnell an American scientist was:	A. Paleontologist B. Embryologist C. Ornithologist D. All of these
8	Pick up the correct sequence of path followed by a testosterone molecule till its export	A. SER; RER; Transport vesicle; Golgi apparatus; secretory vesicle; cell membrane B. SER; Golgi apparatus; Transport vesicle; secretory vesicle; cell membrane C. SER; RER; Golgi apparatus; Transport vesicle; secretory vesicle; cell membrane D. SER; Transport vesicle; Golgi apparatus; secretory vesicle; cell membrane
9	Resting membrane potential of a neuron is	A. 50mV B. -70mV C. -80mV D. 90mV
10	Some _____ years ago human population and conversion of land to agricultural production began	A. 10,000 B. 40,000 C. 5000 D. None
11	Parasites that live inside the body of the host:	A. Endoparasites B. Ectoparasites C. Mesoparasites D. Both a & c
12	Abiotic factors include:	A. Geomagnetism B. Gravity C. Water D. All these
		A. Darwin

13	Among the scientists who believed in divine creation as	B. Carolous Linnaeous C. Lamarck D. Wallace
14	According to endosymbiont hypothesis the aerobic bacteria developed into	A. Lysosomes B. Mitachondria C. Chloroplast D. Nucleus
15	Highest number of carbons are present in	A. Butyric acid B. Acetic acid C. Palmitic acid D. Oleic acid
16	Which of the following hormone affects the supply of testosterone	A. LH B. GH C. FSH D. Aldosterone
17	The next to simplest amino acid is	A. Alanine B. Glycine C. Serine D. Glutamine
18	Plants growing in extreme cold soil are called:	A. Sciophytes B. Psychrophytes C. Heliophytes D. Cyanophytes
19	Blood pressure is also an example of _____ trait	A. Multifactorial B. Qualitative C. Single genic D. Both a & b
20	Depolarization of neural membrane is due to	A. Influx of K ⁺ B. Efflux of Na ⁺ C. Influx of Na ⁺ D. None