

MDCAT Biology Chapter 5 MCQ's Test

Sr	Questions	Answers Choice
1	Resting membrane potential of a neuron is	A. 50mV B. -70mv C. -80mV D. 90mV
2	Myelin is made up of	A. Nucleoprotein B. Lipoprotein C. Glycolipids D. Glycoproteins
3	They may also control some long term changes	A. Enzymes B. Neurons C. Hormones D. CNS
4	Deficiency of sex hormones in adults results in	A. Sexual immaturity B. Mortality C. UTI D. sterility
5	Part of brain that is involved in learning	A. Cerebrum B. Thalamus C. Cerebellum D. Pons
6	Depolarization of neural membrane is due to	A. Influx of K ⁺ B. Efflux of Na ⁺ C. Influx of Na ⁺ D. None
7	Decrease in progesterone level in blood stimulates the secretion of	A. Estrogen B. FSH C. Cortisol D. Oxytocin
8	It acts on smooth muscles	A. Insulin B. Glucagon C. Cortisol D. Oxytocin
9	Nerve which carries impulses from CNS to effectors	A. Sensory B. Inter C. Motor D. Associative
10	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
11	The simplest reflex circuit includes___ elements	A. 1 B. 2 C. 3 D. 4
12	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
13	Osteoporosis is caused by lack of	A. ADH B. Melanin C. Estrogen D. STH
14	Diabetes insipidus is caused by	A. Lack of aldosterone B. Overproduction of ADH C. Lack of ADH D. Lack of insulin

15	Tiny shaped structure located deep between cerebral hemispheres	A. Thyroid gland B. Pituitary gland C. Pineal Gland D. Corpus callosum
16	This is not the part of neuron	A. Axon B. Dendron C. Nissl' granules D. Synapse
17	Which is incorrect about resting membrane potential	A. Na ⁺ ions are ten folds higher outside B. 2 Na ⁺ move out for 3 K ⁺ move in C. K ⁺ ions are twenty folds higher inside D. Some k ⁺ ions leak out
18	The neuron which has central and peripheral branches is	A. Sensory neuron B. Motor neuron C. Associative neuron D. Relay neuron
19	Which is responsible for hyperpolarization across membrane	A. Disturbing of charge B. Late closing of K ⁺ gates C. Influx of Na ⁺ D. Efflux of Na ⁺
20	The receptors which are 27 times more abundant than cold receptors	A. Pressure receptors B. Pain receptors C. Heat receptors D. Light receptors