

MDCAT Biology Chapter 5 MCQ's Test

Sr	Questions	Answers Choice
1	Nerve which carries impulses from CNS to effectors	A. Sensory B. Inter C. Motor D. Associative
2	It is incorrect statement about hormones	A. Endocrine secretion B. Initiate metabolism C. Organic D. Transported by blood
3	Primary sensory areas are present in	A. Cerebral cortex B. Cerebral medulla C. Cerebellum D. Medulla oblongata
4	Which of the following is a messenger of both chemical and nervous coordination	A. Acetylcholine B. Dopamine C. Epinephrine D. Serotonin
5	A hormone which regulates glucose and minerals	A. Aldosterone B. Cortisol C. Insulin D. Corticosterone
6	Myelin is made up of	A. Nucleoprotein B. Lipoprotein C. Glycolipids D. Glycoproteins
7	Sharp rise in LH output due to estrogens is an example of	A. Negative feedback B. Positive feedback C. Primary feedback D. None
8	The hormones which share common hypothalamic factor are	A. FSH and LH / ICSH B. ACTH and GH C. ICSH and LTH D. Prolactin and FSH
9	It acts on smooth muscles	A. Insulin B. Glucagon C. Cortisol D. Oxytocin
10	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
11	Tiny shaped structure located deep between cerebral hemispheres	A. Thyroid gland B. Pituitary gland C. Pineal Gland D. Corpus callosum
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	Which of the following organelle is not present in the synaptic knob	A. Mitochondria B. Vesicles C. Ribosomes D. Nucleus
14	The hormone which is not secreted by anterior lobe of pituitary is	A. GH B. ICSH

		C. Prolactin D. TRF
15	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 ⁺
16	STH promotes_____ after puberty	A. Protein synthesis B. Cell differentiation C. Metabolism D. Cell division
17	Resting membrane potential of a neuron is	A. 50mV B. -70mv C. -80mV D. 90mV
18	It has duality in its functioning	A. Pituitary gland B. Pancreas C. Gonads D. Gut
19	Part of brain that is involved in learning	A. Cerebrum B. Thalamus C. Cerebellum D. Pons
20	Regulation of hunger and menstrual cycle is controlled by	A. Cerebrum B. Thalamus C. Hypothalamus D. Pons