

MDCAT Biology Chapter 5 Coordination and control/ nervous & chemical Coordination Online Test

Sr	Questions	Answers Choice
1	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
2	The hormone which is not secreted by anterior lobe of pituitary is	A. GH B. ICSH C. Prolactin D. TRF
3	They may also control some long term changes	A. Enzymes B. Neurons C. Hormones D. CNS
4	It is not a steroid hormone	A. Epinephrine B. Estrogen C. Progesterone D. 17 β hydroxy Testosterone
5	It is incorrect statement about hormones	A. Endocrine secretion B. Initiate metabolism C. Organic D. Transported by blood
6	Myelin is made up of	A. Nucleoprotein B. Lipoprotein C. Glycolipids D. Glycoproteins
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	Ventral root of the spinal nerve contains	A. Sensory nerve fibres B. Motor nerve fibres C. Mixed nerve fibres D. All
9	Nerve which carries impulses from CNS to effectors	A. Sensory B. Inter C. Motor D. Associative
10	Tiny shaped structure located deep between cerebral hemispheres	A. Thyroid gland B. Pitutary gland C. Pineal Gland D. Corpus callosum
11	Part of brain that is involved in learning	A. Cerebrum B. Thalamus C. Cerebellum D. Pons
12	Regulation of hunger and menstrual cycle is controlled by	A. Cerebrum B. Thalamus C. Hypothalamus D. Pons
13	Primary sensory areas are present in	A. Cerebral cortex B. Cerebral medulla C. Cerebellum D. Medulla oblongata
14	Which of the following is a messenger of both chemical and nervous coordination	A. Acetylcholine B. Dopamine C. Epinephrine D. Serotonin

15	Which of the following organelle is not present in the synaptic knob	A. Mitochondria B. Vesicles C. Ribosomes D. Nucleus
16	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
17	Depolarization of neural membrane is due to	A. Influx of K ⁺ B. Efflux of Na ⁺ C. Influx of Na ⁺ D. None
18	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 ⁺
19	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
20	Resting membrane potential of a neuron is	A. 50mV B. -70mv C. -80mV D. 90mV