

MDCAT Biology Chapter 5 MCQ's Test

Sr	Questions	Answers Choice
1	Which of the following hormone affects the supply of testosterone	A. LH B. GH C. FSH D. Aldosterone
2	It is not a steroid hormone	A. EpinephrineB. EstrogenC. ProgesteroneD. 17 β hydoxy Testosterone
3	Which is not the function of glucagon	A. Glycogen hydrolysisB. LipolysisC. GluconeogenesisD. Protein synthesis
4	It has duality in its functioning	A. Pituitary gland B. Pancreas C. Gonads D. Gut
5	Which of the following is a messenger of both chemical and nervous coordination	A. Acetylcholine B. Dopamine C. Epinephrine D. Serotonin
6	Tiny shaped structure located deep between cerebral hemispheres	A. Thyroid glandB. Pitutary glandC. Pineal GlandD. Corpus callosum
7	Deficiency of sex hormones in adults results in	A. Sexual immaturity B. Mortality C. UTI D. sterility
8	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
9	Primary sensory areas are present in	A. Cerebral cortex B. Cerebral medulla C. Cerebellum D. Medulla oblamgata
10	Regulation of hunger and menstrual cycle is controlled by	A. Cerebrum B. Thalamus C. Hypothalamus D. Pons
11	Motor neurons are	A. Multipolar B. Bipolar C. Unipolar D. Tripolar
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	In rats whose adrenal medulla has been removed surgically, the ability to with stand any stress situation such as cold	A. Is Enhanced B. Is diminished C. Remains unaffected D. Is finished
14	Which of the following organelle is not present in the synaptic knob	A. Mitochondria B. Vesicles

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15	These are the receptors which respond to the mechanical condition of internal organs	A. Nocireceptors B. Receptors of skin C. Receptors of stomach wall D. Receptors of eye
16	Which of the following is correct about insulin	A. Inhibit glycogen hydrolysis B. Increase protein synthesis C. Increase glycolysis D. All
17	Part of brain that is involved in learning	A. Cerebrum B. Thalamus C. Cerebellum D. Pons
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	Melanin pigment is produced under the hormone	A. ADH B. MSH C. STH D. TSH
20	The neuron which has central and peripheral branches is	A. Sensory neuron B. Motor neuron C. Associative neuron D. Relay neuron