

MDCAT Biology Chapter 5 MCQ's Test

Sr	Questions	Answers Choice
1	Depolarization of neural membrane is due to	A. Influx of K ⁺ B. Efflux of Na ⁺ C. Influx of Na ⁺ D. None
2	Primary sensory areas are present in	A. Cerebral cortex B. Cerebral medulla C. Cerebellum D. Medulla oblongata
3	Myelin is made up of	A. Nucleoprotein B. Lipoprotein C. Glycolipids D. Glycoproteins
4	Osteoporosis is caused by lack of	A. ADH B. Melanin C. Estrogen D. STH
5	Melanin pigment is produced under the hormone	A. ADH B. MSH C. STH D. TSH
6	Hormones secreted by follicles in female	A. Estrogen B. Progesterone C. FSH D. Both a and b
7	Which is not the function of glucagon	A. Glycogen hydrolysis B. Lipolysis C. Gluconeogenesis D. Protein synthesis
8	Part of brain that is involved in learning	A. Cerebrum B. Thalamus C. Cerebellum D. Pons
9	This is not the part of neuron	A. Axon B. Dendron C. Nissl' granules D. Synapse
10	Motor neurons are	A. Multipolar B. Bipolar C. Unipolar D. Tripolar
11	Diabetes insipidus is caused by	A. Lack of aldosterone B. Overproduction of ADH C. Lack of ADH D. Lack of insulin
12	High calcium concentration in blood causes the stimulation of	A. Parathormone B. Calcitonin C. T ³ D. T ⁴
13	Regulation of hunger and menstrual cycle is controlled by	A. Cerebrum B. Thalamus C. Hypothalamus D. Pons
14	Puffiness of hands is the character of	A. Graves disease B. Addinsons disease C. Myxedema D. Cretinism
		A. Na ⁺ ions are ten folds higher outside B. 2 Na ⁺ move out for 3 K ⁺ move in

15	Which is incorrect about resting membrane potential	<p>C. K⁺ ions are twenty folds higher inside</p> <p>D. Some k⁺ ions leak out</p>
16	The receptors which are 27 times more abundant than cold receptors	<p>A. Pressure receptors</p> <p>B. Pain receptors</p> <p>C. Heat receptors</p> <p>D. Light receptors</p>
17	Ventral root of the spinal nerve contains	<p>A. Sensory nerve fibres</p> <p>B. Motor nerve fibres</p> <p>C. Mixed nerve fibres</p> <p>D. All</p>
18	Which is incorrect statement about spinal cord	<p>A. White matter contains myelinated axons</p> <p>B. Grey matter contains non myelinated axons</p> <p>C. Grey matter contains cell bodies of sensory neurons</p> <p>D. Location of Peripheral nerve is near to spinal cord</p>
19	Tiny shaped structure located deep between cerebral hemispheres	<p>A. Thyroid gland</p> <p>B. Pitutary gland</p> <p>C. Pineal Gland</p> <p>D. Corpus callosum</p>
20	It does not produce any hormone	<p>A. Anterior pituitary</p> <p>B. Posterior pituitary</p> <p>C. Pancreas</p> <p>D. None</p>