

## MDCAT Biology Chapter 5 MCQ's Test

0	Overtions	Arrange Ohning
Sr	Questions	Answers Choice
1	It acts on smooth muscles	A. Insulin B. Glucagon C. Cortisol D. Oxytocin
2	Which hormone require 2nd messenger	A. Insulin B. Estrogen C. Progesterone D. Testosterone
3	This is not the part of neuron	A. Axon B. Dendron C. Nissl' granules D. Synapse
4	The receptors which are 27 times more abundant than cold receptors	A. Pressure receptors B. Pain receptors C. Heat receptors D. Light receptors
5	High calcium concentration in blood causes the stimulation of	A. Parathormone B. Calcitonin C. T <sub>3</sub> D. T <sub>4</sub>
6	Resting membrane potential of a neuron is	A. 50mV B70mv C80mV D. 90mV
7	Ventral root of the spinal nerve contains	A. Sensory nerve fibres B. Motor nerve fibres C. Mixed nerve fibres D. All
8	The neuron which has central and peripheral branches is	A. Sensory neuron B. Motor neuron C. Associative neuron D. Relay neuron
9	Primary sensory areas are present in	A. Cerebral cortex     B. Cerebral medulla     C. Cerebellum     D. Medulla oblamgata
10	Which of the following is a messenger of both chemical and nervous coordination	A. Acetylcholine B. Dopamine C. Epinephrine D. Serotonin
11	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
12	Depolarization of neural membrane is due to	A. Influx of K+ B. Efflux of Na+ C. Influx of Na+ D. None
13	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
14	It lacks a true dendron	A. Sensory neuron B. Motor neuron C. Associative neuron D. Relay neuron

15	STH promotes after puberty	A. Protein synthesis B. Cell differentiation C. Metabolism D. Cell division
16	Synaptic vesicles are present in synaptic knob that is part of	<ul><li>A. Post synaptic neuron</li><li>B. Pre synaptic neuron</li><li>C. Both neurons</li><li>D. Second neuron</li></ul>
17	It is incorrect statement about hormones	<ul><li>A. Endocrine secretion</li><li>B. Initiate metabolism</li><li>C. Organic</li><li>D. Transported by blood</li></ul>
18	The simplest reflex circuit includes elements	A. 1 B. 2 C. 3 D. 4
19	Which is correct about myelin sheath	<ul><li>A. It speeds up conduction</li><li>B. It is found in all axons</li><li>C. It is found in all dendrites</li><li>D. It is proteinaceous only</li></ul>
20	Part of brain that is involved in learning	A. Cerebrum B. Thalamus C. Cerebellum D. Pons