

## MDCAT Biology Chapter 5 MCQ's Test

Sr	Questions	Answers Choice
1	In rats whose adrenal medulla has been removed surgically, the ability to withstand any stress situation such as cold	A. Is Enhanced B. Is diminished C. Remains unaffected D. Is finished
2	High calcium concentration in blood causes the stimulation of	A. Parathormone B. Calcitonin C. T <sub>3</sub> D. T <sub>4</sub>
3	Decrease in progesterone level in blood stimulates the secretion of	A. Estrogen B. FSH C. Cortisol D. Oxytocin
4	Nerve which carries impulses from CNS to effectors	A. Sensory B. Inter C. Motor D. Associative
5	Which is not the function of glucagon	A. Glycogen hydrolysis B. Lipolysis C. Gluconeogenesis D. Protein synthesis
6	Which of the following hormone affects the supply of testosterone	A. LH B. GH C. FSH D. Aldosterone
7	It has duality in its functioning	A. Pituitary gland B. Pancreas C. Gonads D. Gut
8	Deficiency of sex hormones in adults results in	A. Sexual immaturity B. Mortality C. UTI D. sterility
9	It does not produce any hormone	A. Anterior pituitary B. Posterior pituitary C. Pancreas D. None
10	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
11	It acts on smooth muscles	A. Insulin B. Glucagon C. Cortisol D. Oxytocin
12	Motor neurons are	A. Multipolar B. Bipolar C. Unipolar D. Tripolar
13	This is not the part of neuron	A. Axon B. Dendron C. Nissl' granules D. Synapse
14	It is not a steroid hormone	A. Epinephrine B. Estrogen C. Progesterone D. 17 β hydroxy Testosterone

15	Non-neural cells which encapsulate the axon of neurons are	A. Microglial B. Microbodies <b>C. Schwann cells</b> D. Companion cells
16	Diabetes insipidus is caused by	A. Lack of aldosterone B. Overproduction of ADH <b>C. Lack of ADH</b> D. Lack of insulin
17	It brings about an increase in blood glucose level mainly by its production from glycogen	A. Insulin <b>B. Glucagon</b> C. Cortisol D. Aldosterone
18	Osteoporosis is caused by lack of	A. ADH B. Melanin <b>C. Estrogen</b> D. STH
19	It is incorrect statement about hormones	A. Endocrine secretion <b>B. Initiate metabolism</b> C. Organic D. Transported by blood
20	These are the receptors which respond to the mechanical condition of internal organs	A. Nocireceptors B. Receptors of skin <b>C. Receptors of stomach wall</b> D. Receptors of eye