

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	It does not produce any hormone	A. Anterior pituitary B. Posterior pituitary C. Pancreas D. None
3	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
4	This is not the part of neuron	A. Axon B. Dendron C. Nissl' granules D. Synapse
5	A hormone which regulates glucose and minerals	A. Aldosterone B. Cortisol C. Insulin D. Corticosterone
6	Which of the following hormone affects the supply of testosterone	A. LH B. GH C. FSH D. Aldosterone
7	Diabetes insipidus is caused by	A. Lack of aldosterone B. Overproduction of ADH C. Lack of ADH D. Lack of insulin
8	The hormone which is not secreted by anterior lobe of pituitary is	A. GH B. ICSH C. Prolactin D. TRF
9	Which hormone require 2nd messenger	A. Insulin B. Estrogen C. Progesterone D. Testosterone
10	Osteoporosis is caused by lack of	A. ADH B. Melanin C. Estrogen D. STH
11	High calcium concentration in blood causes the stimulation of	A. Parathormone B. Calcitonin C. T ₃ D. T ₄
12	Part of brain that is involved in learning	A. Cerebrum B. Thalamus C. Cerebellum D. Pons
13	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
14	The receptors which are 27 times more abundant than cold receptors	A. Pressure receptors B. Pain receptors C. Heat receptors D. Light receptors
15	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

16	Both meissner's and pacinian corpuscles have_____ nerve endings	A. Spiral B. Encapsulated C. Free D. Deep
17	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 ⁺
18	Decrease in progesterone level in blood stimulates the secretion of	A. Estrogen B. FSH C. Cortisol D. Oxytocin
19	The neuron which has central and peripheral branches is	A. Sensory neuron B. Motor neuron C. Associative neuron D. Relay neuron
20	Hormones secreted by follicles in female	A. Estrogen B. Progesterone C. FSH D. Both a and b
