

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	Regulation of hunger and menstrual cycle is controlled by	A. Cerebrum B. Thalamus C. Hypothalamus D. Pons
3	It is not a steroid hormone	A. Epinephrine B. Estrogen C. Progesterone D. 17 β hydroxy Testosterone
4	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 ⁺
5	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
6	Nerve which carries impulses from CNS to effectors	A. Sensory B. Inter C. Motor D. Associative
7	The receptors which are 27 times more abundant than cold receptors	A. Pressure receptors B. Pain receptors C. Heat receptors D. Light receptors
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	Diabetes insipidus is caused by	A. Lack of aldosterone B. Overproduction of ADH C. Lack of ADH D. Lack of insulin
10	High calcium concentration in blood causes the stimulation of	A. Parathormone B. Calcitonin C. T ³ D. T ⁴
11	Tiny shaped structure located deep between cerebral hemispheres	A. Thyroid gland B. Pitutary gland C. Pineal Gland D. Corpus callosum
12	Part of brain that is involved in learning	A. Cerebrum B. Thalamus C. Cerebellum D. Pons
13	Deficiency of sex hormones in adults results in	A. Sexual immaturity B. Mortality C. UTI D. sterility
14	Hormones secreted by follicles in female	A. Estrogen B. Progesterone C. FSH D. Both a and b

15	Myelin is made up of	A. Nucleoprotein B. Lipoprotein C. Glycolipids D. Glycoproteins
16	Which of the following is correct about insulin	A. Inhibit glycogen hydrolysis B. Increase protein synthesis C. Increase glycolysis D. All
17	These are the receptors which respond to the mechanical condition of internal organs	A. Nociceptors B. Receptors of skin C. Receptors of stomach wall D. Receptors of eye
18	Both meissner's and pacinian corpuscles have ____ nerve endings	A. Spiral B. Encapsulated C. Free D. Deep
19	It has duality in its functioning	A. Pituitary gland B. Pancreas C. Gonads D. Gut
20	Ventral root of the spinal nerve contains	A. Sensory nerve fibres B. Motor nerve fibres C. Mixed nerve fibres D. All