

## MDCAT Biology Online Test

Sr	Questions	Answers Choice
1	Vector for spread of African sleeping sickness is	A. Anopheles B. Commonhouse fly C. Tse-tse fly D. Honey bee
2	HIV attaches on cell membrane of T cell at _____ receptor site	A. Cd2 B. Cd4 C. Cd8 D. Gp120
3	A mixture of sand and clay in:	A. Silt B. Kaolin C. Humus D. Loam
4	An animal that preys other animals is called:	A. Predator B. Parasite C. Scavenger D. Detritivore
5	Skeleton of echinoderms is originated from	A. Ectoderm B. Endoderm C. Mesoderm D. Epidermis
6	Which hormone require 2nd messenger	A. Insulin B. Estrogen C. Progesterone D. Testosterone
7	Over-grazing may lead to:	A. Desert B. Tundra C. Taiga D. Grassland
8	Green house effect, acid rain headaches and coughs are related to which of the followings?	A. Oxides of nitrogen B. Oxides of sulphur C. CO D. CFCs
9	Gene pool consists of all alleles at all gene loci in all individuals of the:	A. community B. species C. population D. family
10	Excessive ploughing of lands in arid regions results in the development of	A. Forest B. Deserts C. Grassland D. Fields
11	_____ can be checked by increasing substrate concentration	A. Reversible inhibition B. Irreversible inhibition C. Noncompetitive inhibition D. Competitive inhibition
12	It has duality in its functioning	A. Pituitary gland B. Pancreas C. Gonads D. Gut
13	Which eat consumers	A. Predators B. Carnivores C. Omnivores D. All
14	_____ is a good example of polymorphism	A. Hydra B. Obelia C. Starfish D. Euplectella

A. Ammonification, Nitrification, and

15	Three principal stages of nitrogen cycle are:	<b>Assimilation</b> B. Ammonification, Acidification, and Assimilation C. Esterification, Nitrification, and Assimilation D. Ammonification, Nitrification, and Denitrification
16	The land will be turned to barren land if there is:	A. Little grazing B. Moderate grazing <b>C. Over grazing</b> D. None grazing
17	It acts on smooth muscles	A. Insulin B. Glucagon C. Cortisol <b>D. Oxytocin</b>
18	Establishment of new forest at places where no forests existed previously is called	A. Reforestation <b>B. Afforestation</b> C. Deforestation D. Both a and b
19	It does not produce any hormone	A. Anterior pituitary <b>B. Posterior pituitary</b> C. Pancreas D. None
20	A Cell interacts with its external environment through	A. Cell Wall B. Nuclear membrane <b>C. Plasma membrane</b> D. Cytoplasm