

**TELANGANA UNIVERSITY**  
**S.S.R. DEGREE COLLEGE, NIZAMABAD (C.C:5029)**  
**III SEMESTER INTERNAL ASSESSMENT II EXAMINATIONS**  
**ZOOLOGY QUESTION BANK**

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I. Multiple choice questions.

1. Study of Muscular tissues is called [a]  
a. Myology                      b. Physiology                      c. Sericulture                      d. a & b
2. How many types of muscles are there [b]  
a. 4                                  b. 3                                  c. 2                                  d. 1
3. Heart muscle is also called as [c]  
a. Skeletal muscle                  b. Smooth muscle                  c. Cardiac muscle                  d. None
4. Name one compound gland? [d]  
a. Ovary                              b. Pituitary gland                  c. Mypothalamus                  d. Pancreas
5. Study of Animal behavior is called [a]  
a. Ethology                          b. Psychology                      c. Anthropology                      d. Endocrinology
6. Concept of tropism was introduced by [c]  
a. Parlor                              b. Darwin                          c. Angustin de condole              d. Hexley
7. The junction between two neurons is called [c]  
a. Neuron                              b. Nerves                          c. Synapse                          d. Neuro transmitter
8. Interaction among individuals of same species is called [b]  
a. Communication                  b. Social behavior                  c. Tropism                          d. a & c
9. Who conducted experiment on dog? [c]  
a. Condole                              b. AF Huxley                          c. Pavlov                              d. None
10. Deficiency of ADH causes [b]  
a. Diabetes mellitus                  b. Diabetes insipidus                  c. Type-III                          d. Alzhimers disease
11. What is the principal mineralocorticoid? [a]  
a. Aldosdteron                          b. Prostaglandin                      c. Adronalin                          d. Thyroxine
12. Collips Hormones secretes which hormone? [c]  
a. Thyroxine                          b. Pituitary gland                      c. Parathormone                      d. All
13. A unit that carries out reflex action? [b]  
a. Reflex arch                          b. Reflex arc                          c. Reflex response                      d. All
14. The orientation of an organism in response to chemicals is called [b]  
a. Phototaxes                          b. Chemotaxes                          c. Thigmotaxes                          d. None
15. High blood glucose level results in? [c]  
a. Hypoglycaenia                          b. Hydrotropism                          c. Hyper glycaemia                      d. Anemia
16. Which gland is called as master endocrine gland? [d]  
a. Pancreas                              b. Thyroxine                          c. Thyroid                              d. Pituitary
17. Working of kidney's is controlled by? [b]  
a. Adrenal                              b. Thyroxine                          c. Lactogenic                          d. Adrenalin
18. Deficiency of Insulin causes? [a]  
a. Diabetes mellitus                          b. D Insipidus                          c. Type-III                          d. All
19. Natural behavior is also called as [d]  
a. Stabilized                              b. fixed                              c. Artificial                              d. a & b
20. Name the involuntary muscles? [d]  
a. Smooth                              b. Skeletal                              c. Cardiac                              d. a & c

II. Fill in the blanks

1. Neuron is the structural and functional unit of the nervous system.
2. The term hormone was coined by starling
3. Study of Endocrine glands is called Endocrinology
4. Hormones are the secretion of endocrine gland.

5. The pituitary gland is also called as Hypophysis
6. Ants shows work division called Division of Labour
7. Adrenal gland are also called as supdrenal gland.
8. BMR stands for Basal metabolic rate
9. Progesterone is secreted by corpus luteum
10. Adrenal Medulla produces Adrenalin & Non-adrenalin hormones.
11. Habituation is a simple behavioral attitude in learning process.
12. Isoptera & hymenoptera orders shows social behavior in insects.
13. Orientation of an organism in response to touch is called Thigmotropism
14. Hormones produced by Thyroid glands are Thyroxine, tri-iodothyronine & calcitonin
15. Lactogenic hormone is also called as Leutotrophic hormone
16. Glucagon is secreted by  $\alpha$  cells.
17. Cardiac muscles are found in Heart
18. Flying of butterflies towards the source of light is positive taxis.
19. Somatotrophic Hormone is secreted by Pituitary gland.
20. Muscle converts Chemical energy into mechanical energy.

### III. Short Answers.

1. Junction between two neurons called?  
A: Synapse
2. Cell body of neuron also called as?  
A: Soma
3. Saltatory conduction theory explains the conduction of nerve impulse in?  
A: Myelinated
4. Vasopressin is also called as?  
A: ADH hormone
5. Adrenalin/Noradrenalin are commonly called as?  
A: Fight/Flight
6. Thyroid gland?  
A: Produces 3 hormones thyroxine, calcitonin, Triiodo thyronine
7. Circadian rhythms?  
A: 24 hrs cycle, Ex: Photosynthesis in plants
8. Resting potential?  
A: Nerve membrane shows net positive charge outside and net negative charge inside.
9. Types of muscles?  
A: Smooth, skeletal and cardiac
10. Adrenal gland?  
A: Situated on top of each kidney produces hormones adrenalin/Epinephrin and nor adrenalin.