

SECOND MID TERM TEST - 2024

Standard XI

Reg.No.

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ZOOLOGY

Time : 1.30 hrs

Part - I

Marks : 50

I. Choose the correct answer:

10 x 1 = 10

1. Muscles are derived from
 - a) Ectoderm
 - b) Mesoderm
 - c) Endoderm
 - d) Neuro ectodream
2. Skeletal muscles are attached to the bones by
 - a) Tendon
 - b) Ligament
 - c) Pectin
 - d) Fibrin
3. The respiratory centre is present in the
 - a) Medulla oblongata
 - b) Hypothalamus
 - c) Cerebellum
 - d) Thalamus
4. Which of the following hormone is not secreted under the influence of pituitary gland?
 - a) Thyroxine
 - b) Insulin
 - c) Oestrogen
 - d) Glucocorticoids
5. Which part of the human brain is concerned with the regulation of body temperature?
 - a) Cerebellum
 - b) Cerebrum
 - c) Medulla oblongata
 - d) Hypothalamus
6. ATPase enzyme needed for muscle contraction is located in
 - a) Actinin
 - b) Troponin
 - c) Myosin
 - d) Actin
7. Iodised salt is essential to prevent
 - a) Ricketts
 - b) Scurvy
 - c) Goitre
 - d) Acromegaly
8. Which of the following pairings is correct?
 - a) Sensory nerve - Afferent
 - b) Motor nerve - Afferent
 - c) Sensory nerve - Ventral
 - d) Motor nerve - Dorsal
9. Which of the following gland is related with immunity?
 - a) Pineal gland
 - b) Adrenal gland
 - c) Thymus
 - d) Parathyroid gland
10. Hyper secretion of GH in children leads to
 - a) Cretinism
 - b) Gigantism
 - c) Graves disease
 - d) Tetany

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XI Zoology

Part - II

II. Answer any 5 questions. (Q.No.14 is compulsory)

5 x 2 = 10

11. What is nerve Junction module?
12. What are the ossicles found in the middle ear?
13. What are Papillae?
14. Name the various motions.
15. Define Physiotherapy.
16. Draw a picture of a neuron and label it.
17. What are chemical messengers?

Part - III

III. Answer any 5 questions. (Q.No.20 is compulsory)

5 x 3 = 15

18. Draw a picture of the eye and mark the part.
19. Write on any three functions of skeletal system.
20. Types of Rib cage?
21. What are the symptoms of cretinism?
22. What are the proteins found in muscle?
23. Define Isotonic contraction.
24. Define Reflex Arc?

Part - IV

IV. Answer in detail.

3 x 5 = 15

25. a) List the sequential events of muscle contraction.
(OR)
b) Draw and explain the structure of long bone specimen.
26. a) What are the benefits of regular exercise?
(OR)
b) Explain eye defects.
27. a) Describe the difference between rod and cone cell.
(OR)
b) Discuss the hormonal functions of adrenaline.

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