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G – 4495

Reg. No. : .....

Name : .....

Second Semester M.Sc. Degree Examination, July 2019

Branch: ZOOLOGY

ZO 221 - ADVANCED PHYSIOLOGY AND FUNCTIONAL ANATOMY

(2013 Admn onwards)

Time : 3 Hours

Max. Marks : 75

PART – A

- I. Write very brief notes on **any ten** of the following. Each question carries 2 marks.
1. Interstitial fluid
  2. Sesamoid bones
  3. Brachiation
  4. Endopeptidase
  5. Different layers of heart
  6. Schafer method
  7. Y- Organ
  8. Diuretics
  9. NMDA receptors

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10. Neuromodulator
11. Serotonin
12. Thyroid hormones
13. Role of creatine phosphate
14. Anabolic steroids
15. Chronic or toxic stress

(10 × 2 = 20 Marks)

PART – B

II. Write short notes on **any six** of the following. Each question carries 4 marks.

16. Digestion and absorption of proteins
17. Secretory process in the kidney
18. Corpora cardiac and Corpora allata
19. Competitive ELISA
20. Internal ear
21. Hypothermia
22. Any four Fitness tests
23. Parturition
24. Heart sounds
25. Maturation and activation of spermatozoa

(6 × 4 = 24 Marks)

