

23P214

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Name:

Reg.No:

SECOND SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2024

(CBCSS - PG)

(Regular/Supplementary)

CC19P ZOL2 C04 - PHYSIOLOGY

(Zoology)

(2019 Admission onwards)

Time : 3 Hours

Maximum : 30 Weightage

Part-A

Answer any *four* questions. Each question carries 2 weightage.

1. Comment on the mixing movements in gastrointestinal tract.
2. Describe renal regulation acid- base balance.
3. Explain the fluid systems in eye.
4. Explain the receptors of taste buds in humans.
5. Explain responses of the body which exposed to extremes of hot.
6. Explain SA Node.
7. Explain the function of cerebrospinal fluid.

(4 × 2 = 8 Weightage)

Part-B

Answer any *four* questions. Each question carries 3 weightage.

8. Explain acclimatization? Comment on the role of adrenal gland in thermoregulation.
9. Explain different types of excretory organs found in different animal groups.
10. Explain pulmonary volumes and capacities.
11. Explain reflex arc.
12. Explain heart as a pump.
13. Explain coronary blood flow and its regulation.
14. Explain about somatosensory cortex and its association area.

(4 × 3 = 12 Weightage)

Part-C

Answer any *two* questions. Each question carries 5 weightage.

15. Explain the composition and functions of lymphatic system. Mention lymph channels of the body.
16. Explain neural and chemical control of respiration.
17. Explain the physiology of olfaction.
18. Explain about memory, its types and the process of memory consolidation.

(2 × 5 = 10 Weightage)
