

THIRD SEMESTER UG DEGREE EXAMINATION, NOVEMBER 2025

(FYUGP)

CC24UZOO3MN202 - PHYSIOLOGY OF BEHAVIOUR & SENSES

(Zoology - Minor Course)

(2024 Admission - Regular)

Time: 2.0 Hours

Maximum: 70 Marks

Credit: 4

Part A (Short answer questions)Answer ***all*** questions. Each question carries 3 marks.

1. Define obesity. [Level:1] [CO1]
2. What is puberty? [Level:1] [CO2]
3. What is limbic system? [Level:1] [CO2]
4. Give a note on the neural mechanism of sexual behaviour. [Level:1] [CO2]
5. What is wolffian system? [Level:1] [CO2]
6. Mention the role of frontal lobe in emotion. [Level:1] [CO2]
7. Give a note on yellow spot and blind spot. [Level:1] [CO3]
8. Give a note on pain pathway. [Level:1] [CO4]
9. Give a note on taste threshold. [Level:1] [CO4]
10. Mention the differences between anosmia and hyperosmia. [Level:1] [CO4]

(Ceiling: 24 Marks)**Part B (Paragraph questions/Problem)**Answer ***all*** questions. Each question carries 6 marks.

11. Discuss the long-term regulation of food intake. [Level:2] [CO1]
12. Explain Renin-Angiotensin System. [Level:2] [CO1]
13. Discuss the photochemistry of vision. [Level:2] [CO3]
14. Explain the mechanism of hearing. [Level:2] [CO3]
15. Discuss the structure of semicircular canals. [Level:2] [CO3]

16. Discuss the hearing defects. [Level:2] [CO3]

17. Explain the theories of colour vision. [Level:2] [CO3]

18. Explain the mechano-receptive somatic senses and its receptors. [Level:2] [CO4]

(Ceiling: 36 Marks)

Part C (Essay questions)

Answer any **one** question. The question carries 10 marks.

19. Describe the different types of eating disorders. [Level:2] [CO1]

20. Describe the neural control of food intake. [Level:2] [CO1]

(1 × 10 = 10 Marks)
