

**24U344S**

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Name: .....

Reg.No: .....

**THIRD SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2025**

(CBCSS - UG)

**CC19UPSG3C01 - HUMAN PHYSIOLOGY - III**

(Physiology - Complementary Course)

(2019 to 2023 Admissions - Supplementary/Improvement)

Time : 2.00 Hours

Maximum : 60 Marks

Credit : 3

**Part A** (Short answer questions)

Answer *all* questions. Each question carries 2 marks.

1. Optic tract.
2. Radial muscle.
3. Opponent process theory of colour vision.
4. Myopia.
5. Ossicles.
6. Nerve deafness.
7. Membranous labyrinth.
8. Olfactory rod.
9. Pacinian corpuscles.
10. Acute pain and chronic pain.
11. Periaqueductal gray matter.
12. Adenohypophysis.

**(Ceiling: 20 Marks)**

**Part B** (Short essay questions - Paragraph)

Answer *all* questions. Each question carries 5 marks.

13. Organization of retina.
14. Photochemistry of vision.
15. Auditory pathway.
16. Transmission of olfactory signals into the CNS.
17. Sensory pathways for transmitting somatic signals into CNS.

18. Thermal sensation and its receptors.

19. Mode of action of hormones.

**(Ceiling: 30 Marks)**

**Part C** (Essay questions)

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

20. Give an account on the structure of human eye and visual pathway.

21. Give an account on gustatory system and its pathway.

**(1 × 10 = 10 Marks)**

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