

**22U341**

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Name: .....

Reg.No: .....

**THIRD SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2023**

(CBCSS - UG)

(Regular/Supplementary/Improvement)

**CC19U PSG3 C01 - HUMAN PHYSIOLOGY - III**

(Psychology - Complementary Course)

(2019 Admission onwards)

Time : 2.00 Hours

Maximum : 60 Marks

Credit : 3

**Part A** (Short answer questions)

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

1. Fovea.
2. Private visual pathway.
3. Sphincter muscle.
4. Colour blindness.
5. Basilar membrane.
6. AIED
7. Taste threshold.
8. Olfactory bulb.
9. Olfactory cortex.
10. Iggo dome receptor.
11. Anterolateral system.
12. Thyroid gland.

**(Ceiling: 20 Marks)**

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

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

13. Briefly describe the structure of rod cell with a suitable diagram.
14. Opponent process theory of colour vision and Hartridge polychromatic theory.
15. Auditory pathway.
16. Anatomy of taste bud.

17. Taste pathway.
18. Types of pain and pain receptors.
19. Mode of action of hormones.

**(Ceiling: 30 Marks)**

**Part C (Essay questions)**

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

20. Explain the photochemistry of vision.
21. Write an essay on statoreceptors with suitable diagram.

**(1 × 10 = 10 Marks)**

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