

19U343

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Name: .....

Reg.No: .....

**THIRD SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2020**

(CBCSS - UG)

**CC19U PSG3 C01 - HUMAN PHYSIOLOGY III**

(Physiology - Complementary Course )

(2019 Admission - Regular)

Time : 2.00 Hours

Maximum : 60 Marks

Credit : 3

**Part A** (Short answer questions)

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

1. Blind spot.
2. Ganglion cell.
3. Diffuse visual pathway.
4. Trichromatic theory of colour vision.
5. Inferior colliculus.
6. Utriculus.
7. Circumvallate papillae.
8. Taste threshold.
9. Cribriform plate.
10. Dorsal column medial lemniscal system.
11. Thermal sensation.
12. Hypothalamus.

**(Ceiling: 20 Marks)**

**Part B** (Short essay questions)

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

13. Photochemistry of vision.
14. Give a short note on presbyopia, astigmatism and cataract.

15. Hearing abnormalities.
16. Taste pathway.
17. Transmission of olfactory signals into the CNS.
18. Somatic sensation and position sensation.
19. Mode of action of hormones.

**(Ceiling: 30 Marks)**

**Part C (Essay questions)**

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

20. Write an essay on physiology of vision and the theories of color vision.
21. Describe the anatomy of auditory system.

**(1 × 10 = 10 Marks)**

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