

D 31837

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Name.....

Reg. No.....

**THIRD SEMESTER (CBCSS—UG) DEGREE EXAMINATION
NOVEMBER 2022**

Psychology

PSG 3C 01—HUMAN PHYSIOLOGY—III

(2019 Admission onwards)

Time : Two Hours

Maximum : 60 Marks

Part A*Answer all questions in a sentence.**Each question carries 1 mark.*

- | | |
|----------------------------|--------------------------|
| 1. Thermal receptor. | 2. Cataract. |
| 3. Medial geniculate body. | 4. Thyroid. |
| 5. Exocrine gland. | 6. Cutaneous sense. |
| 7. Colour blindness. | 8. Taste buds. |
| 9. Pituitary gland. | 10. Periaqueductal gray. |

(10 × 1 = 10 marks)

Part B*Write short notes on any five.**Each question carries 2 marks.*

- | | |
|------------------------|--------------------------|
| 11. Tensor tympani. | 12. Thymus. |
| 13. Olfactory Cells. | 14. Somatic sense. |
| 15. Phantom limb pain. | 16. Categories of smell. |
| 17. Kinesthetic sense. | 18. Sensory system. |
| 19. Position sense. | 20. Taste threshold. |

(5 × 2 = 10 marks)

Turn over

Part C

*Answer any **five** questions in a paragraph.*

Each question carries 4 marks.

21. Structure of eye with diagram.
22. How are tactile sensations detected and transmitted ?
23. Visual pathway.
24. Influence of hormone in growth and behaviour.
25. Classification of cutaneous sense.
26. Taste pathway.
27. Endocrine glands.
28. Chemistry of vision and transduction in retina.

(5 × 4 = 20 marks)

Part D (Essay Questions)

*Answer any **two** questions.*

Each question carries 10 marks.

29. Explain purpose of pain, type, sensation and the pain suppressive system.
30. What is position sense ? Explain the receptors responsible and the sensory pathway.
31. Describe the organization of olfactory membrane and sense of smell.
32. Explain the theories of colour perception and visual defects.

(2 × 10 = 20 marks)