

D 51780

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Name.....

Reg. No.....

**THIRD SEMESTER (CBCSS—UG) DEGREE EXAMINATION
NOVEMBER 2023**

Psychology

PSG 3C 01—HUMAN PHYSIOLOGY—III

(2019—2022 Admissions)

Time : Two Hours

Maximum : 60 Marks

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

1. Which is the outermost layer of the eye ?
2. Which is the spot where both rods and cones are present ?
3. What is colour blindness ?
4. Trichromatic theory was proposed by _____.
5. Which are the three bones in the middle ear ?
6. The non-myelinated axons of the olfactory epithelium is called _____.
7. _____ is a part of the auditory thalamus and represents the thalamic relay between the inferior colliculus (IC) and the auditory cortex (AC).
8. Pain receptors are also called _____.
9. What are Hormones ?
10. Why is pituitary gland called the master gland ?

(10 × 1 = 10 marks)

Section B (Short Answers)*Answer any five questions.**Each question carries 2 marks.*

11. Visual coding.
12. Blind spot.

Turn over

13. Loudness.
14. Mechanoreceptors.
15. Audiometry.
16. Taste bud.
17. Somatosensory-cortex.
18. Proprioception.
19. Thyroxin.
20. Placenta.

(5 × 2 = 10 marks)

Section C

Answer in a paragraph.

*Answer any **five** questions.*

Each question carries 4 marks.

21. Opponent process theory.
22. Which are the different hearing abnormalities ?
23. How do we detect tactile sensation ?
24. What are the functions of aqueous humor and vitreous humor ?
25. What is the role of stratoreceptors in our body ? Where is it located ?
26. How do we categorize smell ?
27. Importance of endocrine glands.
28. How do hormones act in our body ?

(5 × 4 = 20 marks)

Section D (Essay Questions)

*Answer any **two** questions.*

Each question carries 10 marks.

29. Explain the anatomy of auditory system.
30. Elucidate the taste pathway and the process of transmission of taste.
31. What are Pain receptors ? What is their purpose ? And how do we sense pain ?
32. Which are the major visual defects ? Explain.

(2 × 10 = 20 marks)