

20U343

(Pages: 2)

Name:

Reg.No:

THIRD SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2021

(CBCSS - UG)

(Regular/Supplementary/Improvement)

CC19U PSG3 C01 - HUMAN PHYSIOLOGY III

(Physiology - Core 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. Blind spot.
2. Bipolar cell.
3. Metarhodopsin I & II.
4. Cataract.
5. Cochlea.
6. Auditory cortex.
7. Umami taste.
8. Vagal fibers.
9. Mitral cell.
10. Anterolateral system.
11. Raphe magnus.
12. Endocrinology.

(Ceiling: 20 Marks)

Part B (Short essay questions - Paragraph)

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

13. Visual pathway.
14. Opponent process theory of colour vision and Hartridge polychromatic theory.
15. Hearing abnormalities.
16. Anatomy of taste bud.
17. Transmission of olfactory signals into the CNS.
18. Give a short note on tactile receptors.
19. Pineal body and its role.

(Ceiling: 30 Marks)

Part C (Essay questions)

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

20. Write an essay on physiology of vision and the theories of color vision.
21. Write an essay on statoreceptors with suitable diagrams.

(1 × 10 = 10 Marks)
