

19U324S

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Name:

Reg. No.....

THIRD SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2020

(CUCBCSS-UG)

CC15U PSY3 C01 - HUMAN PHYSIOLOGY III

(Psychology - Complementary Course)

(2015 to 2018 Admissions – Supplementary/Improvement)

Time: Three Hours

Maximum: 80 Marks

I. Answer *all* questions. Each question carries 1 mark.

1. Name the site of aqueous humour production.
2. What is the another name of pituitary gland?
3. Where is the primary auditory area located?
4. Which is the sensation reported by proprioceptors?
5. Which is the neural pathway that transmit information concerned with vibratory sensations to the brain?
6. ----- is the minute area in the center of retina which is capable of acute and detailed vision
7. ----- features receptor hair cells arranged along one inner row and three outer rows.
8. Light sensitive chemical in the rod cell is called -----
9. -----is the substance released by cell into blood stream that affects distant target cell.
10. Mechanical papillae is -----

(10 x 1 = 10 Marks)

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

11. Organ of corti.
12. Thymus gland.
13. Iris.
14. Pheromones.
15. Tactile receptors.
16. Primary taste.
17. Reduced eye.
18. Attenuation reflex.
19. Cataract.
20. Circumvallate papillae.

(10 x 2 = 20 Marks)

III. Answer any *six* questions. Each question carries 5 marks.

21. Theories of colour vision
22. Explain the structure of olfactory membrane with diagram.
23. Write short notes about photochemistry of vision and retinal transduction.
24. Illustrate the structure of tastebud with diagram.
25. Explain mode of action of different hormone types.
26. Neural pathway of taste.
27. Anatomy of eye.
28. Position senses and receptors.

(6 x 5 = 30 Marks)

IV. Answer any *two* of the following. Each carries 10 marks.

29. Briefly describe the major endocrine glands and their hormones.
30. Explain different types of pain and different pain pathways.
31. Describe the anatomy of human ear and auditory pathways.
32. Write an essay on olfaction, olfactory apparatus and olfactory pathway.

(2 x 10 = 20 Marks)
