

Reg. No .....

Name .....

22U151

**B.Sc. DEGREE END SEMESTER EXAMINATION : OCTOBER 2022**

**SEMESTER 1 : PSYCHOLOGY**

**COURSE : 19U1CPPSY02 : BODY SYSTEMS AND BEHAVIOUR 1**

*(For Regular – 2022 Admission and Improvement / Supplementary - 2021/2020 Admissions)*

Time : Three Hours

Max. Marks: 75

**PART A**

**Answer All (1 mark each)**

1. The hammer shaped bone in the middle ear is .....
2. Which gland is called suprarenal gland?
3. Sinus rhythm with a rate above the normal range is called .....
4. The photoreceptor cell that is responsible for photopic vision is .....
5. The right atrium is separated from the left atrium by a partition called the .....
6. .... is called as the natural pacemaker of the heart.
7. Which is the emotion centre of brain?
8. The lymphatic capillaries found in the villi of the small intestine are called .....
9. Another name of parietal cell is .....
10. The photoreceptor cell that is responsible for scotopic vision is .....

**(1 x 10 = 10)**

**PART B**

**Answer any 8 (2 marks each)**

11. What are the functions of cecum?
12. What is the function of epiglottis?
13. Define surprise.
14. Define disgust.
15. Describe pitch.
16. What is aortic arch?
17. Explain the role of Organ of Corti in hearing.
18. What is sinus arrhythmia?
19. Distinguish aqueous and vitreous chambers.
20. What is Bradycardia?

**(2 x 8 = 16)**

**PART C**

**Answer any 5 (5 marks each)**

21. Write a short note on the refractory errors.
22. Explain visual pathway.
23. Write a short note on (i)Pharynx (ii)Esophagus (iii)Small intestine

24. Write a short note on Granulocytes.
25. Briefly explain gastric glands.
26. Elaborate HPA axis.
27. Write in detail about blood vessels.

**(5 x 5 = 25)**

**PART D**

**Answer any 2 (12 marks each)**

28. Give a detailed account of refractory errors.
29. Discuss the components of blood.
30. Give a detailed account of accessory digestive structures.
31. Discuss biological basis of emotion.

**(12 x 2 = 24)**