

B. Sc. DEGREE END SEMESTER EXAMINATION : NOVEMBER 2023**SEMESTER 1 : PSYCHOLOGY****COURSE : 19U1CPPSY02 : BODY SYSTEMS AND BEHAVIOUR 1***(For Regular 2023 Admission and Improvement/Supplementary 2022/2021/2020 Admissions)*

Time : Three Hours

Max. Marks: 75

PART A**Answer All (1 mark each)**

1. An enzyme in salive that breaks down starch and carbohydrates is called _____.
2. The muscular valve at the upper portion of the oesphagus is called _____.
3. Which part of the brain is critical for classical conditioning?
4. Where is SA node located?
5. Which is the smallest bone in the human body?
6. Sinus rhythm with a rate below the normal range is called _____.
7. _____ is called as the thalamic relay station of the auditory tract.
8. Brodmann's area 22 is also called as _____.
9. Which is the unilateral facial expression?
10. Which is the largest vein in the human body?

(1 x 10 = 10)**PART B****Answer any 8 (2 marks each)**

11. Define fear.
12. Explain cognitive mediational theory?
13. What is the cause of impulse delay at AV node of conduction system?
14. What is metathalamus?
15. What is pepsinogen?
16. What is accommodation of eye?
17. Distinguish cuspid valve and tricuspid valve.
18. Explain the role of Organ of Corti in hearing.
19. What is Bradycardia?
20. Define respiration.

(2 x 8 = 16)**PART C****Answer any 5 (5 marks each)**

21. Explain auditory pathway.
22. Explain visual pathway.
23. Write a short note on (i) arteries (ii) veins (iii) capillaries.
24. Define breathing and the mechanism of breathing.
25. Elaborate on double circulation.
26. Explain the endocrine regulation of digestive processes.
27. Explain HPT axis.

(5 x 5 = 25)

PART D

Answer any 2 (12 marks each)

28. Draw the visual pathway and explain it in detail.
29. Discuss the components of blood.
30. Write in detail about respiration.
31. Give a detailed account of various emotions.

(12 x 2 = 24)