B. Sc. DEGREE END SEMESTER EXAMINATION - OCTOBER 2021
SEMESTER 1 : BEHAVIORAL SCIENCE (COMPLEMENTARY FOR B Sc PSYCHOLOGY)
COURSE : **19U1CPBHS1 : BODY SYSTEMS AND BEHAVIOUR 1**
(For Regular - 2021 Admission and Supplementary/Improvement - 2020 Admission)

Time : Three Hours   Max. Marks: 75

PART A
Answer All (1 mark each)

1. Another name for chewing is ....
2. A thin layer of tissue that protects the lungs is called ....
3. .... connects the middle ear to the upper throat.
4. Brodmann's area 22 is also called as ....
5. The membrane which separates scala media and scala tymphani is ....
6. A thick membranous fluid-filled sac that encloses, protects and nurtures the heart is called ....
7. Name two caval veins?
8. The right ventricle is separated from the left ventricle by a partition called the ....
9. .... is called as stress hormone.
10. Part of limbic system which is responsible for habit learning is ....

(1 x 10 = 10)

PART B
Answer any 8 (2 marks each)

11. Differentiate between chemical digestion and mechanical digestion.
12. What is the function of epiglottis?
13. What is accommodation of eye?
14. What is sclera?
15. Describe pitch.
16. What is aortic arch?
17. What are the three classes of formed elements?
18. What is Bradycardia?
19. Define contempt.
20. What is Singer-Schachter Theory?

(2 x 8 = 16)

PART C
Answer any 5 (5 marks each)

21. Briefly explain gastric glands.
22. Explain the endocrine regulation of digestive processes.
23. Write a short note on the refractory errors.
24. Define hearing and the process of hearing.
25. Write a short note on Granulocytes.
26. Write a short note on (i) arteries (ii) veins (iii) capillaries.
27. Explain HPT axis.

(5 x 5 = 25)

PART D
Answer any 2 (12 marks each)

28. Give a detailed account of digestive tract?

29. Draw the visual pathway and explain it in detail.

30. Explain the structure and working of heart.

31. Explain the theories of emotions in detail.

(12 x 2 = 24)