



QP CODE: 21102481



Reg No : .....

Name : .....

**B.Sc DEGREE (CBCS) EXAMINATIONS, OCTOBER 2021**

**First Semester**

B.Sc Psychology Model I

**Complementary Course - PY1CMT02 - BODY SYSTEMS AND BEHAVIOUR**

2017 Admission Onwards

2A2C63D5

Time: 3 Hours

Max. Marks : 80

**Part A**

*Answer any **ten** questions.*

*Each question carries 2 marks.*

1. Define neuroscience.
2. What is chyme?
3. What is the role of bile in digestion?
4. What are the functions respiratory system?
5. Write notes on lateral geniculate nucleus.
6. Short note on eardrum.
7. What is nodal tissue?
8. Name the instrument used to measure blood pressure. What is considered as normal blood pressure?
9. What is packed cell volume?
10. What is fibrinogen?
11. Why erythrocytes are called so?
12. Comment on emotionality.

(10×2=20)

**Part B**

*Answer any **six** questions.*

*Each question carries 5 marks.*

13. Write a short note on the role of physiology in psychology.
14. Write a note on trachea.





15. Write an account on organ of corti.
16. Differentiate between ventral cochlear nucleus and inferior colliculus.
17. Explain the movement of sound waves through the inner ear.
18. Explain pulmonary circulation.
19. Enumerate the functions of blood.
20. Write an account on Autonomic Nervous System.
21. Write a brief account on role of amygdala in emotionality.

(6×5=30)

### **Part C**

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. Write a detailed account on the three tunics of the eye.
23. Describe the pathway of light through eye.
24. Write an essay on the structure and function of different types of blood vessels.
25. With the help of suitable diagrams describe the morphology and functions of different kinds of leucocytes.

(2×15=30)

