



23146026

**QP CODE: 23146026**

**Reg No** : .....

**Name** : .....

**B.Sc DEGREE (CBCS) REGULAR/IMPROVEMENT/REAPPEARANCE  
EXAMINATIONS, DECEMBER 2023**

**First Semester**

B.Sc Psychology Model I

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

2017 Admission Onwards

275B7CCD

Time: 3 Hours

Max. Marks : 80

**Part A**

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. Enumerate four functions of digestive system.
2. What is the role of bile in digestion?
3. What is meant by Alveoli?
4. What are the functions respiratory system?
5. Comment on Pupil constriction.
6. What is scala tympani?
7. What is the significance of papillary muscles?
8. Why human heart is said to be myogenic?
9. What is microcirculation?
10. What is the main defence system in our body?
11. What is monocytosis?
12. Short note on thalamus.

(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 short note about neuroscience.
15. Differentiate between visual cortex and auditory cortex.
16. Describe the structure of middle ear.
17. Write short notes on nervous connections of ear.
18. Examine the significance of double circulation.
19. What are the abnormalities of erythrocyte count? How is the normal count maintained?
20. Briefly explain the 3 theories of emotion.
21. Differentiate between sympathetic and parasympathetic nervous system.

(6×5=30)

### **Part C**

*Answer any **two** questions.*

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

22. Describe the pathway of light through eye.
23. Explain the movement of sound waves through outer, middle and inner ear.
24. Write an essay on the working of human heart.
25. Write an essay on blood plasma.

(2×15=30)

