



**K25U 3377**

Reg. No. ....

Name : .....

**First Semester B.Sc. Degree (C.B.C.S.S. – O.B.E. – Supplementary)**  
**Examination, November 2025**  
**(2019 to 2023 Admissions)**

**COMPLEMENTARY ELECTIVE COURSE IN PSYCHOLOGY**  
**1C01PSY : Elements of Human Physiology**

Time : 3 Hours

Max. Marks : 40

**PART – A**

Define the following. Answer **all** questions, **each** carries **1** mark.

**(6×1=6)**

1. Cell
2. Smooth muscle
3. Pacemaker
4. Blood
5. Larynx
6. Melanin.

**PART – B**

Write short essay on **any six** of the following. **Each** carries **2** marks.

**(6×2=12)**

7. What is cyanosis ?
8. What is nephron ?
9. Differentiate innate and acquired immune system.
10. Discuss about digestion and absorption of carbohydrate.
11. Write about connective tissue.

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12. What are the different types of Leucocytes?
13. What is Systolic Blood pressure?
14. Discuss about salivary glands.

#### PART – C

Write answers on **any four** of the following in **not** less than **150** words. **Each** carries **3** marks. **(4×3=12)**

15. Explain different determinants of arterial blood pressure.
16. Write about the composition of blood.
17. Discuss the structure of cell with a diagram.
18. Write about Lung capacities and dead space air.
19. Elucidate the structure and function of female reproductive system.
20. Explain the structure of heart.

#### PART – D

Answer **any two** of the following in **not** more than **300** words. **Each** carries **5** marks. **(2×5=10)**

21. Write an essay on the structure of kidney and urine formation.
  22. Write a detailed note on different types of cell.
  23. Explain the structure of human respiratory system.
  24. Write an essay about Skin appendages.
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