



K23U 4084

Reg. No. :

Name :

I Semester B.Sc. Degree (C.B.C.S.S. – O.B.E. – Regular/Supplementary/
Improvement) Examination, November 2023
(2019 Admission Onwards)

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. Smooth muscle
2. Serum
3. Plasma membrane
4. Rectum
5. Amylase enzyme
6. Innate immune system.

PART – B

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

(6×2=12)

7. Write about Sebaceous glands.
8. What is menstrual cycle ?
9. What are collecting ducts of nephron ?
10. Discuss about haemoglobin.
11. Write about Juxtaglomerular apparatus.
12. What are the different functions of blood ?
13. What is Trachea ?
14. Discuss about skeletal muscle.

P.T.O.



PART – C

Write answers on **any four** of the following in **not** less than **150** words.

Each carries **3** marks.

(4×3=12)

15. What are the different types of skin appendages ?
16. Give a note on the structure of lungs.
17. Discuss the structure of the kidney with a diagram.
18. What are the different types of blood cells ?
19. List out different cell organelles and their function.
20. Explain the Glomerular filtration of blood.

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 immune system.
22. Write a detailed note on urine formation.
23. Explain blood pressure and determinants of arterial blood pressure.
24. Write an essay on the structure and function of alimentary canal.