



Reg. No. :

Name :

I Semester B.Sc. Degree CBCSS (OBE)-Regular

Examination, November - 2019

(2019 Admission)

COMPLEMENTARY ELECTIVE COURSE IN PSYCHOLOGY

1C01PSY : ELEMENTS OF HUMAN PHYSIOLOGY

Time : 3 Hours

Max. Marks : 40

PART-ADefine the following. Answer **all** questions, each carries **1** mark. (6x1=6)

1. Smooth muscle
2. Erythrocytes
3. Pulmonary alveoli
4. Dead space error
5. Glomerular filtration
6. Tubular synthesis

PART -BWrite short essay on any **six** of the following. Each carries **2** marks.

(6x2 =12)

7. Discuss the blood supply of skin
8. Explain hemochromatosis
9. Discuss the cardiac cycle
10. Explain the methods of recording blood pressure
11. Discuss the functions of blood
12. Explain the determinants of arterial blood pressure
13. Write a short notes on the functions of cells
14. Explain the intestinal absorption

P.T.O.

**PART-C**

Write answers on any **four** of the following in not less than **150** words.
Each carries **3** marks. (4x3=12)

15. What is a cell? Discuss the structure and functions of cells
16. Explain the immune system
17. Describe the types of blood cells
18. Explain the process of digestion
19. Outline the structure of kidney
20. Explain the functions of pancreas and liver

PART-D

Answer any **two** of the following in not more than **300** words. Each carries **5** marks. (2x5=10)

21. Explain the structure and functions of digestive system
 22. Discuss the reproductive system and explain the structure and functions of male and female reproductive system
 23. Describe the different types of cells
 24. Write an essay on respiratory system
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