



K18U 2197

Reg. No. : .....

Name : .....

I Semester B.Sc. Degree (CBCSS – Reg./Supple./Improv.) Examination,  
November 2018

COMPLEMENTARY COURSE TO PSYCHOLOGY CORE

1C 01 PSY : Elements of Human Physiology

(2014 Admn. Onwards)

Time : 3 Hours

Max. Marks : 40

SECTION – A

Answer the following in a **word**. **Each** question carries 1 mark.

1. The instrument used to measure blood pressure is
2. \_\_\_\_\_ glands are specialised glands which produce ear wax.
3. \_\_\_\_\_ is a passive process by which air is expelled from the lungs, which is brought about by the relaxation of respiratory muscles.
4. \_\_\_\_\_ is a hormone secreted by the ovary. (4×1=4)

SECTION – B

Answer **any seven** questions. **Each** question carries 2 marks.

5. What are sweat glands ?
6. What is Cyanosis ?
7. Differentiate between natural and acquired immunity.
8. Comment on the types of salivary glands in man.
9. Comment on the juxtaglomerular apparatus.
10. Give any two features of cardiac muscles.
11. Differentiate between Tidal volume and Residual volume.

P.T.O.



12. Define :

- a) Renal sinus
- b) Renal capsule.

13. Enumerate the functions of blood.

14. Name the granulocytes and agranulocytes. (7×2=14)

SECTION – C

Answer **any four** questions. **Each** question carries **3** marks.

15. Comment on the three types of muscles.

16. Write a short note on Hemoglobin.

17. Explain the composition of blood.

18. What is total lung capacity ? Give the equation for its calculation.

19. Comment on the anatomy of skin.

20. Describe the process of tubular reabsorption in kidneys. (4×3=12)

SECTION – D

Answer **any two** questions. **Each** question carries **5** marks.

21. Briefly describe the structure of a nephron.

22. Comment on the structure of the digestive system.

23. Explain briefly the structure of the human heart.

24. Describe the various stages of the menstrual cycle. (2×5=10)

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