



K20U 0898

Reg. No. :

Name :

IV Semester B.Sc. Degree (CBCSS – Reg./Sup./Imp.) Examination, April 2020
(2014 Admn. Onwards)

Complementary Course in Psychology
4C04 PSY : BIOPSYCHOLOGY

Time : 3 Hours

Max. Marks : 40

SECTION – A

Answer **all** questions. **Each** carries **1** mark.

1. Name the sex hormones.
2. What is obesity ?
3. What is sleep apnea ?
4. Name the feeding centre of the brain. (4×1=4)

SECTION – B

Answer **any seven** from the questions given below. **Each** carries **2** marks.

5. Explain lipostatic theory.
6. What is somnambulism ?
7. What is parental behaviour ?
8. Explain Hebbian synapse.
9. Explain types of thirst.
10. Explain circadian rhythms.
- 11..What is sexual response cycle ?
12. What is habituation ?

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13. What is non homeostatic drinking ?

14. What is biological clock ?

(2x7=14)

SECTION – C

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

15. Explain insulin and glucagon feedback system.

16. Explain physiological measures of alertness and arousal.

17. Explain role of amygdala in emotion.

18. Discuss Lashley's work.

19. Explain regulation of sexual behaviour.

20. Explain role of limbic system in emotionality.

(4x3=12)

SECTION – D

Answer **any two** essays. 5 marks **each**.

21. Explain the mechanism of temperature regulation.

22. Explain stages of sleep and brain mechanism.

23. Explain hemispheric specialization of emotion.

24. Explain synaptic basis of learning.

(2x5=10)