



K20U 0323

Reg. No. :

Name :



II Semester B.Sc. Degree (CBCSS – Supplementary/Improvement)

Examination, April 2020

(2014-2018 Admissions)

COMPLEMENTARY COURSE IN PSYCHOLOGY

(For Psychology Core)

2C02 PSY : Physiological Psychology

Time : 3 Hours

Max. Marks : 40

SECTION – A

Answer **all** questions in a word. **Each** carries **1** mark.

1. Name any one sex linked chromosomal anomaly.
2. Who proposed the theory of evolution ?
3. What is the term used for sensation related to movements ?
4. Who is the father of genetics ?

(4×1=4)

SECTION – B

Write short notes on **any seven** from the questions given below. **Each** carries **2** marks.

5. What is meant by mutation ?
6. What is meant by sex chromosomal anomaly ?
7. What is the nature of odour ?
8. What are pheromones ?
9. What is colour blindness ?
10. Explain Cri du chat syndrome.
11. Explain visual attention.
12. Explain Edward syndrome.
13. Explain vomeronasal sensation.
14. Explain dominant and recessive gene.

(7×2=14)

P.T.O.



SECTION – C

Answer **any four** from the questions given below. **Each** carries **3** marks.

15. Discuss the neural coding for somatosensations.
16. Explain the role of gene in behaviour.
17. Explain the disorders of visual system.
18. Discuss the structure and processing in the retina.
19. Explain the mechanism of taste receptors.
20. Explain the somatosensory system. (4×3=12)

SECTION – D

Write essay on **any two** of the following. **Each** carries **5** marks.

21. Explain autosomal anomalies.
 22. Give an account Mendelian genetics.
 23. Explain the anatomy and function of olfactory system.
 24. Discuss the mechanism of taste receptor and taste coding in the brain. (2×5=10)
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