



K24U 1634

Reg. No.:

Name :

Second Semester B.Sc. Degree (CBCSS – OBE-Regular/Supplementary/
Improvement) Examination, April 2024

(2019 Admission Onwards)

COMPLEMENTARY ELECTIVE COURSE IN PSYCHOLOGY

2C02PSY : Physiological Psychology

Time : 3 Hours

Max. Marks : 40

PART – A
(Short Answer)

All questions are mandatory.

(6×1=6)

1. Directly observable characteristics are called _____
2. The adjustable opening in the centre of the eye through which light enters is called _____
3. The ability to recognize colors despite changes in lightening is known as _____
4. Define Turner Syndrome.
5. Define Mutation.
6. Explain Receptive fields.

PART – B
(Short Essay)

Answer any 6 out of 8.

(6×2=12)

7. Define Klinefelter Syndrome.
8. Mendelian Genetics.
9. Colour Blindness.

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10. Gate Theory of Pain.
11. Genotype and Phenotype.
12. Cri du chat syndrome.
13. Visual Attention.
14. Inferior Colliculi.

**PART – C
(Essay)**

Answer **any 4** out of 6.

(4×3=12)

15. Discuss Darwin's Evolutionary theory.
16. Discuss the structure and functions of the auditory cortex.
17. What are some common visual disorders, and how do they affect visual perception ?
18. Explain structure and functions of eye.
19. Discuss the disorders of Somato-sensory system.
20. Discuss Autosomal Anomalies.

**PART – D
(Long Essay)**

Answer **any 2** out of 4.

(2×5=10)

21. How does the brain understand action potential related to visual sense ? Discuss how sensory system formed a neural code for efficiently representing vision related sensory information.
 22. How the taste receptors influence to identifying the nature of taste stimuli ? Explain.
 23. Discuss how Mendelian Genetics influence the scientific study of gene and behaviour.
 24. The auditory system is the sensory system for the sense of hearing. Explain how the anatomy of auditory system influences auditory sensation.
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