



K25U 1334

Reg. No. :

Name :

Second Semester B.Sc. Degree (CBCSS – OBE – Supplementary/
Improvement) Examination, April 2025
(2019 to 2023 Admissions)
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. The term chromosome was coined by _____.
2. What makes the blind spot of retina blind ?
3. The means by which information acquired via the sense organs is transformed into experiences of objects, events, sounds, tastes etc. is called _____.
4. In which lobe of the cerebral cortex, the primary olfactory cortex lies in _____ ?
5. The principle of perceptual organization was given by _____.
6. The ability to recognize colors despite changes in lightening is known as _____.

PART – B

(Short Essay)

Answer any 6 out of 8.

(6×2=12)

7. People with a gene that inactivates pain axions suffer repeated injuries and generally fails to learn to avoid dangers. Write a short note about ways of relieving pain.
8. Describe Medial Geniculate Nucleus.
9. Explain Young-Helmholtz theory.

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10. Briefly describe about auditory cortex.
11. Describe Turners Syndrome.
12. Briefly describe the effects of damage to the auditory system.
13. How are alleles different from genotype ?
14. Discuss Edward syndrome.

PART – C
(Essay)

Answer any 4 out of 6.

(4×3=12)

15. Chromosomes are carrying genetic information from generations to generation. Briefly describe the structure of chromosome.
16. Discuss colour perception.
17. Explain the relationship between physical and perceptual dimensions of sound.
18. Discuss Down syndrome.
19. Brains itself have a capability to suppress input of pain signals to nervous system. Explain thermal sensation.
20. Briefly describe importance and types of chromosome.

PART – D
(Long Essay)

Answer any 2 out of 4.

(2×5=10)

21. Explain sensory pathway for transmitting somatic signals into the central nervous system.
 22. Explain the structure and functions of eye.
 23. Briefly describe evaluation of behaviour by standing on Darwin's Evolutionary Theory.
 24. How a person's ability to differentiate among sounds will depends to understand speech or music ? Write a note.
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