

TB221680V

Reg. No :

Name :

B. Sc. DEGREE (C.B.C.S.) EXAMINATION, NOVEMBER 2022
(2022 Admissions (regular) 2021 Admissions (Improvement / Supplementary), 2020, 2019, 2018, 2017 Admissions
Supplementary)

SEMESTER I - COMPLEMENTARY COURSE 1 (PSYCHOLOGY)
PY1CMT02 - BODY SYSTEMS AND BEHAVIOUR

Time : 3 Hours

Maximum Marks : 80

Part A

I. Answer any Ten questions. Each question carries 2 marks

(10x2=20)

1. Explain the digestion of Nucleic Acids?
2. Write a short note on the correct sequence of air passage during inhalation ?
3. Give a short note on Trachea
4. Write a short note on Auditory Ossicles
5. Define the term Organ of Corti?
6. Explain the role of Superior Colliculus in vision?
7. Write a short note on the components of blood?
8. What happens to the blood after leaves the right ventricle and where it goes?
9. Comment on the various valves and its location in the heart or in nearby blood vessels
10. What would happen if the Hippocampus was damaged?
11. What is James-Lange theory of emotion?
12. Explain how Fornix influence emotions?

Part B

II. Answer any Six questions. Each question carries 5 marks

(6x5=30)

13. Write a short note on the classification of digestive organs in human body
14. Brief on Trachea and Bronchioles and explain how these structures helps in respiratory process?
15. Describe the path that oxygen takes as it enters the Respiratory System. It should begin in our Nose and end at our Lungs?
16. Write a short note on the following terms: a) Yellow spot and Blind spot b) Ciliary muscles c) Optic nerve d) Inferior colliculus e) Eustachian Tube
17. Discuss about Heart Valves and explain each of its functions?
18. Give a note on composition of human blood
19. Explain Cellular Components of blood?
20. Define Limbic System and its components?
21. Write a short note on "Amygdala and fear".

Part C

III. Answer any Two questions. Each question carries 15 marks

(2x15=30)

22. Explain the structure of Outer and Middle Ear and enumerate how these structure process auditory stimulus?
23. Explain the auditory pathway and list out the functions of each part?

24. Give a note on Blood Components and its significant functions in human body?
25. Explain the concept of Human Emotion with the help of theories of Emotions?