QP CODE: 21102481

Reg No : Name :

B.Sc DEGREE (CBCS) EXAMINATIONS, OCTOBER 2021

First Semester

B.Sc Psychology Model I

Complementary Course - PY1CMT02 - BODY SYSTEMS AND BEHAVIOUR

2017 Admission Onwards

2A2C63D5

Time: 3 Hours

Max. Marks : 80

Answer any **ten** questions. Each question carries **2** marks.

Part A

- 1. Define neuroscience.
- 2. What is chyme?
- 3. What is the role of bile in digestion?
- 4. What are the functions respiratory system?
- 5. Write notes on lateral geniculate nucleus.
- 6. Short note on eardrum.
- 7. What is nodal tissue?
- 8. Name the instrument used to measure blood pressure. What is considered as normal blood pressure?
- 9. What is packed cell volume?
- 10. What is fibrinogen?
- 11. Why erythrocytes are called so?
- 12. Comment on emotionality.

(10×2=20)

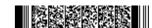
Part B

Answer any **six** questions. Each question carries **5** marks.

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- 13. Write a short note on the role of physiology in psychology.
- 14. Write a note on trachea.







- 15. Write an account on organ of corti.
- 16. Differentiate between ventral cochlear nucleus and inferior colliculus.
- 17. Explain the movement of sound waves through the inner ear.
- 18. Explain pulmonary circulation.
- 19. Enumerate the functions of blood.
- 20. Write an account on Autonomic Nervous System.
- 21. Write a biref account on role of amygdala in emotionality.

(6×5=30)

Part C

Answer any **two** questions. Each question carries **15** marks.

- 22. Write a detailed account on the three tunics of the eye.
- 23. Describe the pathway of light through eye.
- 24. Write an essay on the structure and function of different types of blood vessels.
- 25. With the help of suitable diagrams describe the morphology and functions of different kinds of leucocytes.

(2×15=30)