

TB161790C

Reg. No:.....

Name:.....

B. Sc. DEGREE (C.B.C.S.S.) EXAMINATION, JANUARY 2017
SEMESTER I - COMPLEMENTARY COURSE (PSYCHOLOGY)
PSY1BI – BIOLOGICAL BASIS OF BEHAVIOUR

Time: Three Hours

Maximum Marks: 80

PART A

I. Answer all questions in a sentence or two each. Each question carries 1 mark.

1. Write brief account on mesocortex
2. What is limbic system?
3. What is reticular formation?
4. What are the major divisions of the brain?
5. What is synapse?
6. Explain immunity
7. Describe Golgi complex
8. What is handedness?
9. What are the hormones secreted by adrenal gland?
10. Define antigen

(10 x1=10)

PART B

II. Write notes on any eight questions. Each question Carries 2 marks

11. Wernicke's Area
12. Non – Specific Defence
13. Platelets
14. Thalamus and Hypothalamus
15. Different Lobes of The Brain
16. Glial Cells
17. Reflex arc
18. SA Node and AV Node
19. Autoimmunity
20. Pituitary known as master gland
21. Superior and inferior venecava.
22. Types of neurons

(8 x 2 = 16)

PART C

III. Answer any six questions not exceeding a page and a half each.
Each question carries 4 marks.

23. Discuss about sympathetic and parasympathetic system.
24. Discuss the role of cortex in learning.
25. Types of neurons
26. Structure of arteries
27. Hormonal influence on memory

28. Discuss the pulmonary and systematic circulation.
29. Discuss humoral immunity and cell mediated immunity.
30. Explain about the association areas of brain.
31. Explain the components of blood

(6 x 4 = 24)

PART D

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

32. Define neuron. Discuss the structure of neuron.
33. Explain the structure of neocortex.
34. Explain the structure of human heart and its functioning.
35. Discuss the nervous system.

(2 x15 = 30)