

QUESTION BANK
BSC PSYCHOLOGY
SEMESTER 1
BODY SYSTEMS AND BEHAVIOUR

PART A

Module 1: Introduction

1. Define Physiological psychology.
2. What is the significance of physiological psychology?
3. Define Neuroscience.
4. What are the functions of Digestive system?
5. What are the functions of respiratory system?

Module 2: Sensory Systems

6. What do you mean by Visual System?
7. Anatomy of the eye.
8. Nervous connections of the eye.
9. What is an optic nerve?
10. What is lateral geniculate nucleus?
11. What is Superior colliculus?
12. What is the function of Visual cortex?
13. What is meant by Auditory system?
14. Anatomy of the Auditory system.
15. Nervous connections of the ear.
16. Explain the auditory pathway.
17. What is Organ of Corti?
18. What is Ventral cochlear nucleus?
19. What is inferior colliculus?
20. What is medial geniculate body?
21. What is the function of auditory cortex?

Module 3: Cardiovascular System

22. Structure of the human heart and its working
23. What is SA node?
24. What is AV node?
25. What is Purkinje System?
26. Structure of arteries, veins, and capillaries.
27. Differentiate between pulmonary and systemic circulation.
28. Explain the concept "Blood, a fluid connective tissue".
29. What are the components of blood?

Module 4: Emotionality

30. What are physiological basis for emotionality?
31. What is the function of Hypothalamus?
32. What is the role of limbic system in emotionality?

PART B

Module 1: Introduction

1. Define Physiological psychology.
2. What is the significance of physiological psychology?
3. Define Neuroscience.
4. Explain Digestive system.
5. Explain respiratory system.

Module 2: Sensory Systems

6. What do you mean by Visual System?
7. Can you explain anatomy of the eye and nervous connections of the eye.
8. What is an optic nerve?
9. What is lateral geniculate nucleus?
10. What is Superior colliculus?
11. What is the function of Visual cortex?
12. What is meant by Auditory system?
13. Explain Anatomy of the Auditory system and nervous connections of the ear.
14. Explain the auditory pathway.
15. What is Organ of Corti?
16. What is Ventral cochlear nucleus?
17. What is inferior colliculus?
18. What is medial geniculate body?
19. What is the function of auditory cortex?

Module 3: Cardiovascular System

20. Structure of the human heart and its working
21. Differentiate between SA node and AV node?
22. What is Purkinje System?
23. Explain the Structure of arteries, veins, and capillaries.
24. Differentiate between pulmonary and systemic circulation.
25. Explain "Blood, a fluid connective tissue".
26. Explain about the components of blood?

Module 4: Emotionality

27. What are physiological basis for emotionality?
28. Explain the role of Hypothalamus in emotionality?
29. Explain the role of limbic system in emotionality?

PART C

Module 1: Introduction

1. Define Physiological psychology and explain its significance.
2. Explain the significance of Neuroscience in psychology.
3. Explain digestive system?
4. Explain respiratory system?

Module 2: Sensory Systems

5. Give a detailed description on Visual System?
6. Explain Anatomy of the eye with the help of a diagram.
7. Explain the different Nervous connections of the eye.
8. Explain the following terms: a. optic nerve, b. lateral geniculate nucleus, c. Superior colliculus.
9. Explain the function of Visual cortex?
10. Give a detailed description on Auditory system?
11. Explain Anatomy of the Auditory system with the help of a diagram
12. Explain the various Nervous connections of the ear.
13. Explain the auditory pathway.
14. What is: a. Organ of Corti, b. Ventral cochlear nucleus, c. inferior colliculus, d. medial geniculate body.
15. What is the function of auditory cortex?

Module 3: Cardiovascular System

16. Explain the structure of the human heart and its working (mention also the SA node, AVnode & Purkinje System).
17. Give a note on Structure of arteries, veins, and capillaries, pulmonary and systemic circulation.
18. Explain the concept of “Blood, a fluid connective tissue” and its components (Plasma, RBC, WBC and platelets).

Module 4: Emotionality

19. Explain the physiological basis for emotionality.
20. Describe the roles of Hypothalamus and limbic system in emotionality.

