

APRIL/MAY 2019

BSBT33 — MEDICAL LAB TECHNOLOGY –I

Time : Three hours

Maximum : 75 marks



SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. What is meant by node of ranvier?
2. List any two functions of lymph node.
3. What is hypertension?
4. What are universal blood group donors and recipient.
5. Write the role of thyroid harmones.
6. Mention the functions of microvilli.
7. Write the functions of efferent nerve fibres.
8. What are white and grey matter?
9. What are the types of muscles?
10. List any two functions of cornea.



SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Briefly explain the types of connective tissue based on their functions?

Or

- (b) Write an account of the structural and functional unit of nervous system.

12. (a) Briefly explain about the types of anemia.

Or

- (b) Describe about the structure of heart with a neat diagram.

13. (a) Describe the structure of nephron with a neat diagram?

Or

- (b) Explain the process of protein digestion and absorption.

14. (a) Discuss the characteristic features of sympathetic nervous system.

Or

- (b) Discuss the functions of sensory nervous system.

15. (a) Explain the structure of muscle with a neat diagram?

Or

- (b) Discuss the functions of special senses with respect to ear.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Describe the components of the male reproductive system with a neat diagram.

17. Describe the structure and functions of respiratory system?

18. Discuss about the steroid hormones secretion and functions.

19. Explain the types and the mechanism of neuro muscular junction.

20. Describe about the structure and functions of skin.

