

NOVEMBER/DECEMBER 2019

BSBT43 — MEDICAL LAB TECHNOLOGY - II



Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. What is cellular swelling?
2. What are the symptoms of inflammation?
3. What are the causes of odema?
4. Write the symptoms of hemolytic anemia.
5. What are the chemicals used in the tissue fixation?
6. Mention the uses of microtome.
7. What is cross matching?
8. Which blood group is universal donor?
9. What is the advantage GOD-POD method?
10. Define hypertension.

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Explain the mechanism of autolysis.

Or

- (b) Explain about gangrene and its causes.

12. (a) Write the causes and symptoms of hemorrhage.

Or

- (b) Give a short account of thrombosis.

13. (a) Write the preparation of eosin stain and its uses.

Or

- (b) Discuss the methods of decalcification.

14. (a) Write the guidelines for the use of blood.

Or

- (b) What are the storage methods of blood?

15. (a) Discuss the principles of GTT.

Or

- (b) How HDL and LDL cholesterol was estimated?

2

1441

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Discuss the types and morphology of cell injury with example.

17. Outline the classification of anemia and its diagnostic test.

18. Explain the components and methods of PAP staining.

19. Elaborate on the compatibility testing and safety aspects of blood transfusion.

20. Write an essay on pattern of cardiac enzymes in angina and Myocardial infarction.



3

1441