

APRIL/MAY 2019

BSBT43 — MEDICAL LAB TECHNOLOGY II

Time : Three hours

Maximum : 75 marks



SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Define Autolysis.
2. What is acute inflammation?
3. What are the symptoms of Congestion?
4. How thrombosis was detected?
5. What are the solvents used in fixation of tissues?
6. What is PAP staining and its advantages?
7. How blood was stored?
8. What are the test done in donor's blood?
9. Write the symptoms of hypertension.
10. What is the advantages of GOD- POD method?



SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Discuss the types of cell injury.

Or

- (b) Write the characteristic features of chronic inflammation.

12. (a) What are the causes of thrombosis?

Or

- (b) Discuss the diagnostic test for iron deficiency anemia.

13. (a) Explain the methods of preparation of hematoxylin stain.

Or

- (b) How the tissues are fixed and embedded?

14. (a) What is the standard operating procedure for donation of blood?

Or

- (b) Explain the safety measures taken during blood transfusion.

15. (a) Explain the characteristic features of Myocardial infarction.

Or

- (b) Discuss the principle of cholesterol estimation by enzymatic method.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Elaborate on the types of cell death with example.

17. Explain the causes, symptoms and diagnosis of hemolytic anemia.

Discuss the components and methods of reticulin staining.

19. Give a detail account of screening test of donor's blood.

20. Highlight the importance of cardiac enzymes in heart disease.