VINAYAKA MISSION'S RESEARCH FOUNDATIONS, SALEM
(Deemed to be University)

B.Sc. (MEDICAL LAB TECHNOLOGY) DEGREE EXAMINATION
September 2021
Third Year

BIOCHEMISTRY - III

Time: Three hours   Maximum: 75 marks

I. Write an Essay on any ONE of the following: (1 x 20 = 20)

1. Write in detail about recombinant DNA technology.

2. Define pH. Write about normal level and regulation of acid base balance. Mention about acid base disorders.

II. Write short notes on any TWO of the following: (2 x 10 = 20)

3. Write in detail about estimation of alkaline phosphatase.

4. ELISA and RIA.

5. Hyperbilirubinemia

6. Write about translation.

III. Write short answers on any SEVEN of the following: (7 x 5 = 35)

7. Pancreatic function test

8. Biochemistry of cancer

9. Tumour markers

10. Radioisotopes

11. Gall stone analysis

12. T - test

13. Spectrophotometer

14. Enzyme pattern in liver disease

15. Alkaptonuria

16. Rothera's test.

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