

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

B.Sc (PHYSICIAN ASSISTANT) DEGREE EXAMINATION
September 2021
First Year
BIOCHEMISTRY

Time: Three hours

Maximum: 75 marks

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

1. Define carbohydrates and classification of carbohydrates and details explain about the diagnostic tests.
2. Write detailed note about the fat soluble vitamins.

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

3. Explain water soluble vitamins B and C
4. Urine analysis.
5. Protein classification and structure of protein.
6. Explain diabetes mellitus type I and type II.

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

7. Immunoglobulin structure, types and its function.
8. Electrophoresis.
9. Triacylglycerol.
10. Basal metabolic rate.
11. Protein energy malnutrition.
12. Neurotransmitters.
13. Enzymes in myocardial infarction.
14. Fluorosis.
15. Disease related to lipid metabolism.
16. List of endocrine glands and their hormones and functions.