

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

B.Sc. (PHYSICIAN ASSISTANT) DEGREE EXAMINATION
February 2020
First Year

BIOCHEMISTRY

Time: Three hours

Maximum: 75 marks

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

1. Write detailed note about the structure of Protein. Add a note on functions of Protein.
2. Describe in detail about chemistry, source, RDA, biochemical functions, metabolism, deficiency manifestations and toxicity of Vitamin A.

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

3. Glucose Tolerance Test.
4. Electrophoresis.
5. Mechanism of enzyme activity.
6. Classify fatty acids with suitable examples and mention its function.

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

7. Basal metabolic rate.
8. Dopamine.
9. Immunoglobulin structure, types and its function.
10. Enzymes in Myocardial infarction.
11. Neurotransmitters.
12. Fluorosis.
13. Functions of Vitamin C.
14. Thyroid disorders.
15. Protein energy malnutrition.
16. Galactosemia.