VINAYAKA MISSION'S RESEARCH FOUNDATIONS, SALEM
(Deemed to be University)
B.Sc. (PHYSICIAN ASSISTANT) DEGREE EXAMINATION
August 2019
First Year

BIOCHEMISTRY

Time: Three hours   Maximum: 75 marks

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

1. Give a detailed account on regulation of blood glucose at fasting and fed state. Mention the normal blood glucose level and HbA1C.

2. Define enzymes. Classify them with examples. Add a note on factors affecting enzyme activity.

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

3. Define Chromatography. Write about types and paper Chromatography.

4. Functions of Thiamine and Riboflavin.

5. Define pH. Write about renal regulation of pH.

6. Write about structure of protein.

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

7. Lipid profile.

8. Functions of Vitamin A.

9. Immunoglobulins.

10. Classification of lipids.

11. Hyperkalemia.

12. Balanced Diet.

13. Functions of hypothalamus.

14. Lysosomes and Peroxysomes.

15. Phospholipid and its significance.

16. Pancreatic hormones and their functions.

*****