

QP Code: 123005

Reg. No.:

**First Professional B.S.M.S Degree Supplementary Examinations
March 2023**

Uyir Vedhiyal (Bio-Chemistry)

(2016 Scheme)

Time: 3 Hrs.

Max. Marks: 100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essays:

(2x10=20)

1. Explain about electron transport chain
2. Draw and explain tri carboxylic acid cycle with its regulation

Short Notes

(10x5=50)

3. Explain about high energy compounds
4. Biochemical functions of calcium
5. Discuss about deficiency disorders of vitamin A
6. Transamination
7. Degradation of heme
8. Discuss about types of immunoglobulin
9. Mechanism of enzyme action
10. Absorption and transport of iron
11. Discuss the deficiency disorders of protein energy malnutrition
12. Growth hormone

Answer briefly

(10x3=30)

13. What are plasma protein
14. What is an active site
15. Define bioinformatics
16. Define gluconeogenesis
17. What is a ketosis
18. What are bile salt
19. Any two importance of monosaccharide
20. What is a good cholesterol
21. Types of RNA
22. Define oncogene
