

QP Code: 123005

Reg. No.:

**First Professional B.S.M.S Degree Supplementary Examinations
March 2020**

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 biosynthesis of protein
2. Draw and explain about β oxidation of fatty acid

Short Notes

(10x5=50)

3. Active transport of glucose
4. Discuss about biochemical functions of potassium
5. Discuss about cytochrome P450
6. Classification of enzymes
7. Discuss the nitrogen balance
8. Draw and explain about transfer RNA
9. Discuss the classification of Jaundice
10. Biologically important peptide
11. Discuss the polymerase chain reaction
12. Discuss about urea cycle

Answer briefly

(10x3=30)

13. Any two applications of human genome project
14. Deficiency disorder of niacin
15. What is fatty liver
16. Define replication
17. What is a complement system
18. What is multiple myeloma
19. Enzymes of myocardial infraction
20. What are antioxidant
21. Define Chargaff's rule
22. Functions of water
