

QP Code: 123005

Reg. No.:

**First Professional B.S.M.S Degree Supplementary Examinations
March 2022**

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 Glycolysis
2. Discuss about Heteropolysaccharides.

Short Notes

(10x5=50)

3. What are the enzymes involved in replication. Explain.
4. Explain about ascorbic acid.
5. Discuss the mechanism of enzyme action.
6. Explain the bio chemical functions of calcium.
7. Degradation of purines.
8. Explain about diabetes mellitus.
9. Adrenal cortex.
10. Explain ATP-ADP cycle.
11. Draw and explain about β - oxidation of fatty acids.
12. Discuss about types of RNA.

Answer briefly

(10x3=30)

13. Define Denaturation.
14. What are lipotropic factors.
15. Define human genome project.
16. Define active site of an enzyme.
17. Lab diagnosis of AIDS.
18. Define Anomers with examples.
19. Definition of basal metabolic rate.
20. Why 20 amino acids are known as standard amino acids.
21. Define Osmolality.
22. Renal threshold substances.
