

QP Code: 123005

Reg. No.:

**First Professional B.S.M.S Degree Supplementary Examinations
October 2021**

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. Draw and explain about glycolysis with its regulation
2. Discuss the functions and disorders of hormones of adrenal medulla

Short Notes

(10x5=50)

3. Biochemical functions of sodium
4. Discuss about degradation of purine
5. ATP - ADP cycle
6. Discuss about essential fatty acid
7. Discuss about tumor markers.
8. Specific dynamic action
9. Draw and explain about structure of DNA
10. Discuss about functions of carbohydrate
11. Mechanism of enzyme action
12. Explain about progesterone

Answer briefly

(10x3=30)

13. What are ketone bodies
14. Define detoxification
15. What is diabetes mellitus
16. Define transcription
17. What is substrate level phosphorylation
18. Two functions of eicosanoids
19. Importance of HMP shunt
20. Define enzyme
21. Define deamination
22. What is end product of cholesterol metabolism
