

QP Code: 123005

Reg. No.:

**First Professional B.S.M.S Degree Supplementary Examinations
March 2019**

Uyir Vedhiyal (Bio-Chemistry)

(2016 Scheme)

Time: 3 Hrs.

Max. Marks: 100

- Answer all questions
- Draw Diagrams wherever Necessary

Essays:

(2x10=20)

1. Draw and explain the bio-synthesis of fatty acids.
2. Degradation of purine nucleotides - draw and explain

Short Notes

(10x5=50)

3. Classification of carbohydrates with examples.
4. Free radicals and anti-oxidants
5. Biologically important peptides
6. Structure of transfer RNA - draw and explain
7. Discuss about diabetes mellitus
8. Explain hypercholesterolemia
9. Draw and explain electron transport chain
10. Name the adrenal medullary hormones and give its functions
11. Bio-chemical functions of niacin.
12. Discuss Van den Bergh reaction

Answer briefly

(10x3=30)

13. Any three importance of fiber diet
14. Transmission of HIV
15. Define electrolyte balance
16. What is renin
17. Classify hormones based on chemical nature.
18. Bio-chemical functions of chlorine
19. Define jaundice
20. Glycosylated hemoglobin
21. What is non oxidative deamination
22. Define gluconeogenesis
