

Q.P. Code. 113005 (New Scheme)

Reg.No:.....

**First Professional B.S.M.S Degree Supplementary Examinations
March 2018**

**UYIR VEDHIYAL (BIO-CHEMISTRY)
(2013 SCHEME)**

- Answer all the questions
- Draw diagrams wherever necessary

Time: 3 Hrs

Max. Mark : 100

Essays:

(2x10=20)

1. Draw and explain glycolysis in detail.
2. Discuss the β oxidation of fatty acids.

Short notes:

(10x5=50)

3. Digestion and absorption of lipids.
4. Deamination.
5. Watson and Cricks structure of DNA.
6. Functions and deficiency of iron.
7. Liver function tests.
8. Classify amino acids based on structure.
9. Metabolism of HDL.
10. ATP-ADP cycle
11. Diagnostic importance of enzymes.
12. Functions and deficiency of calcium.

Answer briefly:

(10x3=30)

13. Haemoglobin.
14. Epinephrine.
15. Detoxification.
16. Water balance.
17. Energy requirement.
18. Etiology of cancer.
19. Eicosanoids.
20. Gout.
21. Obesity.
22. Active site.
