

Q.P. Code. 113005

Reg. No:.....

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

**Uyir Vedhiyal (Bio-Chemistry)
(2013 SCHEME)**

Time: 3 Hrs

Max. Mark : 100

- **Answer all the questions**
- **Draw diagrams wherever necessary**

Essays:

(2x10=20)

1. Discuss B- Oxidation of fatty acid.
2. Discuss in detail about electron transport chain

Short notes:

(10x5=50)

3. Electrolyte balance
4. Niacin
5. Glycogenesis
6. Urea Cycle.
7. Immunoglobulins
8. Genetic code
9. Applications of bioinformatics
10. Principle of polymerase chain reaction
11. Catabolism of haem
12. Ketone bodies.

Answer briefly:

(10x3=30)

13. Define iso-enzyme
14. Okasaki pieces
15. Non reducing sugar
16. Mixed micelle
17. Chromo proteins
18. Hartnup disease
19. Sphingolipid
20. Racemic mixture
21. Antioxidant
22. Importance of HMP shunt
