

**Q.P.Code. 103005**

**Reg.No:.....**

**FIRST PROFESSIONAL B.S.M.S DEGREE SUPPLEMENTARY EXAMINATIONS,  
AUGUST 2013**

**UYIR VEDHIYAL (BIO-CHEMISTRY)**

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

**Time : 3 Hrs**

**Max.Mark : 100**

**Essays :**

**(2x10=20)**

1. Explain the biosynthesis of protein in detail
2. Discuss about  $\beta$  oxidation of fatty acid

**Short notes :**

**(10x5=50)**

3. Functions of plasma protein
4. Un couplers
5. Biochemical function of pyridoxine
6. DNA repair
7. Creatinine clearance test
8. Oxidative deamination
9. Kynurenine pathway
10. Glycoside
11. Enzymes of myocardial infraction
12. Von gierke's disease.

**Answer briefly :**

**(10x3=30)**

13. Define carbohydrate
14. Active site
15. Bile salt
16. Gluconeogenesis
17. Ketone bodies
18. Jamaican vomiting sickness
19. Classify mineral
20. Detoxification
21. Chaperons
22. Goitre

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