

**FIRST PROFESSIONAL B.S.M.S. DEGREE EXAMINATIONS, FEBRUARY 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 thyroid hormone in detail
2. Discuss transcription in detail

**Short notes :**

**(10x5=50)**

3. Functions of calcium
4. Natural course of AIDS
5. Waddes visual cycle
6. Conversion of pyruvate to acetyl CoA
7. Absorption of lipid
8. Transport of iron
9. Glucose tolerance test
10. R .Q of food stuffs
11. Urea cycle
12. Factors affecting enzyme action

**Answer briefly :**

**(10x3=30)**

13. Denaturation
14. Glutathione
15. Gout
16. Albinism
17. Osteoporosis
18. Central dogma of life
19. Vitamins
20. Essential pentosuria
21. Optical isomerism
22. Ketone bodies

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