

Q.P. Code. 113005 (New Scheme)

Reg.No:.....

First Professional B.S.M.S Degree Examinations September 2017

UYIR VEDHIYAL (BIO-CHEMISTRY)

(2013 SCHEME)

- Answer all the questions
- Draw diagrams wherever necessary

Time: 3 Hrs

Max. Mark : 100

Essays:

(2x10=20)

1. Discuss about structure, synthesis and degradation of haemoglobin.
2. Discuss on liver functions test and their clinical importance

Short notes:

(10x5=50)

3. Functions of parathormone
4. Addison's disease
5. Functions of calcium
6. Thyroid function tests
7. Functions and deficiency of vitamin K
8. Glycolysis
9. Structure of DNA
10. Factors affecting enzyme activity
11. Principle, technique and applications of polymerase chain reaction
12. Classification of lipids

Answer briefly:

(10x3=30)

13. Free radicals
14. Translation
15. Ketone bodies
16. Substrate level phosphorylation
17. Gluconeogenesis
18. High density lipoproteins
19. Complement system
20. Tumour markers
21. Basal metabolic rate
22. Gout
