

QP CODE: 201012

Reg.No.....

Second year B.Sc ML Degree Supplementary Examinations, June 2013

BIOCHEMISTRY-II

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(2x10=20)

1. Discuss the formation of creatinine. Mention the principle and method of estimation of creatinine. (4+6=10)
2. Describe beta oxidation of fatty acid and its energetics (10)

Short notes

(10x5=50)

3. Glycosurias
4. Keyenzymes of gluconeogenesis
5. Functions of prostaglandins
6. HDL cholesterol and its significance.
7. Lipotropic factors
8. Organic compounds of normal urine.
9. Degradation of purine nucleotides
10. Functions of thiamin
11. Estimation of protein in CSF.
12. Maple syrup urine diseases.

Answer briefly

(10x3=30)

13. GCT
14. Bence Jones' protein.
15. Components of fatty acid synthase complex.
16. Thromboxane.
17. Inhibitors of electron transport chain.
18. Fructosuria.
19. Name four one carbon unit.
20. Name six risk factors for coronary artery diseases .
21. PUFA and its significance.
22. Obesity.
