

QP CODE: 201012

Reg No:.....

Second Year B.Sc MLT Degree Supplementary Examinations, April 2014

BIOCHEMISTRY-II

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(2x10=20)

1. Describe urea cycle. Add a note on clinical significance of estimation of blood urea. (6+4=10)
2. Discuss various methods of estimation of glucose . Explain any one in detail (4+6=10)

Short notes

(10x5=50)

3. Oxidation of pyruvate
4. LDL
5. Transamination
6. Homocystinuria
7. GTT
8. Functions of vitamin D
9. Protein energy malnutrition
10. Rothera's test and its significance.
11. Carnitine.
12. Lipotropic factors.

Answer briefly

(10x3=30)

13. Rickets
14. Urinary findings in jaundice
15. Hematuria
16. Irreversible steps in glycolysis.
17. 2.3 BPG
18. Gaucher's disease
19. Albinism
20. CSF findings in meningitis
21. Functions of vitamin C
22. Jaffe's test.
