

QP CODE: 201012

Reg No:.....

Second Year B.Sc MLT Degree Examinations, May 2015

BIOCHEMISTRY-II

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(2x10=20)

1. How ammonia is formed in the body. Describe urea cycle. (2+8=10)
2. Explain the principle and methods for the estimation of uric acid. (10)

Short notes

(10x5=50)

3. Pleural fluid analysis
4. Phospholipids
5. Significance of HMP pathway
6. Estimation of vitamin A
7. Kwashiorkor
8. Gluconeogenesis
9. Tests for abnormal constituents of urine
10. Atherosclerosis
11. Compounds formed from tyrosine
12. Glycogen storage disorders

Answer briefly

(10x3=30)

13. Anticoagulants
14. Apo lipoproteins
15. Functions of bile salts
16. Biochemical functions of vitamin C
17. Phenyl ketonuria
18. Fatty liver
19. Cori's cycle
20. Maple syrup urine disease
21. Essential fatty acids
22. Hereditary fructose intolerance
