

QP CODE: 201012

Reg No:

Second Year B.Sc MLT Degree Examinations, September 2016

BIOCHEMISTRY-II

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(2x10=20)

1. Explain the sources, biochemical functions and deficiency manifestations of vitamin C
(1+5+4=10)
2. What is gluconeogenesis. Write the steps of gluconeogenesis. Write briefly on regulation
(1+7+2=10)

Short notes

(10x5=50)

3. Glycogen storage disorders
4. Peritoneal fluid analysis
5. Galactose metabolism
6. Chylomicron metabolism
7. Basal metabolic rate
8. 24 hour urine sampling
9. Significance of citric acid cycle
10. Estimation of total protein
11. Hyperlipidemia
12. Urea cycle

Answer briefly

(10x3=30)

13. Orotic aciduria
14. Transmethylation
15. Rickets
16. Benedict's test
17. Von Gierke's test
18. Marasmus
19. Lipotropic factors
20. Sphingolipids
21. Lactose intolerance
22. Biochemical functions of pyridoxine
