

QP CODE: 201012

Reg No:.....

Second Year B.Sc MLT Degree Examinations, October 2015

BIOCHEMISTRY-II

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(2x10=20)

1. What is normal fasting lipid profile. Discuss the causes of hyperlipidemia
2. How will you diagnose diabetes mellitus. What are the laboratory investigations required for the follow up of a diabetic patient.

Short notes

(10x5=50)

3. Normal inorganic constituents of urine
4. Liver function tests
5. CSF analysis
6. Functions of vitamin D
7. Significance of glucose 6 phosphate dehydrogenase
8. Urea cycle
9. Laboratory diagnose of in born errors of amino acid metabolism
10. Glycogen storage disorder
11. Differential diagnosis of glycosuria
12. Basal metabolic rate

Answer briefly

(10x3=30)

13. Substrate for gluconeogenesis
14. FIGLU excretion test
15. Serotonin
16. Prostaglandins
17. Bence Jones protein
18. Carnitine
19. Lesch & Nyhan syndrome
20. Beriberi
21. Estimation of creatinine
22. Ketonuria
