

QP Code: 401012

Reg. No:.....

Final Year B.Sc MLT Degree Examinations September 2018

Biochemistry - IV

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(2x10=20)

1. Enumerate different types of auto analyzers. Describe the principle, parts, function, merits and demerits of dry chemistry analyzer
2. Discuss the regulation of blood pH. Describe the principles and procedure of arterial blood gas analysis.

Short notes

(10x5=50)

3. Thyroid function test
4. Estimation of serum calcium
5. Pre analytical variables
6. Enzyme profile for liver function
7. Urinary VMA
8. Test for malabsorption
9. Glomerular function test
10. DNA repair
11. Urinary 17 keto steroid
12. Reference interval

Answer briefly

(10x3=30)

13. Differentiate between precision and accuracy
14. Protein folding
15. Flame photometry
16. Occult blood test in stool
17. Tests to assess fetal lung maturity
18. Gene library
19. Application of blotting techniques in laboratory diagnosis
20. Estimation of copper
21. Laboratory informatics system
22. Levey Jennings chart
