

QP Code: 402020

Reg. No.....

**Fourth Year B.Sc. Medical Biochemistry Degree Examinations
August 2018
Diagnostic Biochemistry and Laboratory Management**

Time: 3 Hours

Total Marks: 80

- **Answer all questions**
- **Draw diagrams wherever necessary**

Essays

(2x15=30)

1. How will you organise a clinical chemistry laboratory. Add a note on waste disposal.
2. Discuss the quality control programmes in a clinical chemistry laboratory

Short Notes

(6x5=30)

3. Cardiac function tests.
4. Tests to assess the excretory function of the liver.
5. What is the diagnostic significance of amniotic fluid analysis.
6. Dry chemistry analysers.
7. Enumerate the merits and demerits of semi auto analysers.
8. Onco foetal tumour markers

Answer Briefly

(10x2=20)

9. What is the normal specific gravity of urine. Name two conditions where specific gravity of urine can be increased.
10. Tubeless gastric analysis.
11. Bence Jones proteins.
12. VMA.
13. Significance of elevated TSH.
14. Steatorrhea.
15. Enumerate the tests done for proteins in CSF.
16. Name two pre analytical variables that can affect estimation of calcium.
17. Total acidity.
18. Significance of CK isozymes
