

2014 Scheme

QP Code: 402020

Reg. No.....

Fourth Year B.Sc. Medical Biochemistry Degree Supplementary Examinations February 2021

Diagnostic Biochemistry and Laboratory Management

Time: 3 Hours

Total Marks: 80

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers
- Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw table/diagrams/flow charts wherever necessary

Essays

(2x15=30)

1. Discuss the tests to assess thyroid function.
2. Discuss the quality control programmes in a clinical laboratory.

Short Notes

(6x5=30)

3. Clearance tests.
4. Constituents of CSF and analysis of any one of them.
5. Van den Bergh test and its inference.
6. Describe the advantages and disadvantages of fully automated analysers.
7. Enumerate the precautions to be taken for collection and transport of blood sample for estimating fasting blood glucose and serum bilirubin.
8. Specific gravity of urine

Answer Briefly

(10x2=20)

9. Standard deviation.
10. Bence Jones proteins.
11. Urine preservation
12. Albumin: globulin ratio.
13. Blood urea nitrogen
14. Creatine kinase.
15. Dry chemistry analyser
16. Waste water treatment.
17. Onco foetal proteins as tumour markers.
18. Levey Jennings plot.
