

**Fourth Year B.Sc. Medical Biochemistry Degree Supplementary
Examinations March 2020**

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. Definition, principle, functions, merits and demerits of semi-automatic analyser.
2. Describe briefly on laboratory tests to assess renal function

Short Notes

(6x5=30)

3. Recent trends in automation of clinical chemistry
4. Pancreatic function tests
5. Pre analytical variables
6. External quality control
7. Centrifugal analyser
8. Diagnostic importance of cerebrospinal fluid

Answer Briefly

(10x2=20)

9. Scientific practice of handling specimens
10. Pancreatic lipase
11. SGPT
12. Reference value
13. Alkaline Phosphatase
14. Creatinine clearance
15. Tubular function tests
16. Van den Bergh test
17. Maintaining of records
18. Bence Jones protein
