

2016 Scheme

QP Code: 412020

Reg. No.....

Fourth Year B.Sc. Medical Biochemistry Degree regular/Supplementary Examinations February 2022

Paper XIII - Diagnostic Biochemistry and Laboratory Management

Time: 3 Hours

Total Marks: 100

- 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 briefly the functions of kidney. Describe renal function tests.
2. What are tumour markers. How are they classified. Discuss their clinical applications citing 3 typical examples.

Brief Essays

(2x10=20)

3. Describe pancreatic function tests and their clinical utility.
4. Quality control system in a clinical laboratory.

Short answers

(6x5=30)

5. Clinical significance of alkaline phosphatase
6. Augmented Histamine test
7. Discrete analyser
8. Gamma GT
9. Cardiac markers
10. Exudates and transudates

Comment on

(10x2=20)

11. Bence Jones proteins
12. Reference values
13. Van den Bergh reaction
14. Centrifugal analyser
15. AFP
16. PSA
17. Serotonin
18. Pleural fluid proteins
19. A/G ratio
20. Collection of sweat
