

D. M. L. T. : WINTER - 2018
SUBJECT: CLINICAL BIOCHEMISTRY

Day: Wednesday
Date: 05/12/2018

Time: 2.00 P.M. TO 5.00 P.M
Max. Marks: 100

W-2018-3637

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate full mark.
- 3) Draw neat diagram **WHEREVER** necessary.

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- Q.1** Discuss in detail role of Internal Quality Assurance Programme in clinical laboratory. (15)
- Q.2** Enumerate Liver function Tests. Discuss tests based on excretory function with significance. (15)
- Q.3** Discuss Laboratory diagnosis of Diabetes mellitus. (15)
- Q.4** Describe urine analysis in detail. (15)
- Q.5** Write notes on any **FOUR**: (20)
- a) S Uric Acid
 - b) Preparation of Molar, Normal and percent solutions
 - c) Glucose Tolerance test
 - d) Lipid profile
 - e) Specimen collection and anticoagulants
- Q.6** Write notes on any **FOUR**: (20)
- a) Measurement and significance of S electrolytes
 - b) Kidney functions tests based on tubular function
 - c) Plasma proteins: separation and functions
 - d) Diagnostic applications of enzymes
 - e) Automation in Laboratory

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