

M. SC. (MEDICAL BIOCHEMISTRY) : SUMMER - 2018

SUBJECT : PAPER – I

GENERAL BIOCHEMISTRY & INSTRUMENTATION

Day: Saturday
Date: 02/06/2018

S-2018-3471

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

N. B.:

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
 - 4) Draw neat diagram **WHEREVER** necessary.
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Q.1 Describe the organization of protein structure. Give an account of [25]
determination of primary structure of protein.

Q.2 Discuss the concept of "Total Laboratory Automation". [25]

Q.3 Describe the composition, structure and functions of cell membrane. [25]

Q.4 Write short notes on **ANY THREE** of the following: [25]

- a) Oxidative phosphorylation
- b) Principle, types and applications of chromatography
- c) Flame photometer
- d) Isoenzymes

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