

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

SUBJECT : PAPER – II

METABOLISM AND NUTRITION

Day: Monday
Date: 04/06/2018

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

S-2018-3472

N. B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 4) Draw neat diagram **WHEREVER** necessary.

Q.1 Describe the formation and fates of Acetyl CoA. **[25]**

Q.2 Describe the synthesis and role of biologically important compounds derived from aromatic amino acids. **[25]**

Q.3 "Fat burns in the flame of carbohydrates" : Explain. **[25]**

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

- a) Trace elements in health and disease
- b) Vitamin C
- c) Balanced diet
- d) Synthesis of Purine Nucleotides

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