

SUPPLEMENTARY
SARASWATI-I: SEPTEMBER 2017
SUBJECT: BIOCHEMISTRY PAPER-II

Day : Friday
Date : 15/09/2017

Time: 2.00 pm To 4.00 pm
Max. Marks: 50.

N.B.:

- 1) Attempt any **FIVE** questions.
 - 2) Figures to the **RIGHT** indicate full marks.
 - 3) Draw neat labeled diagrams **WHEREVER** necessary.
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- Q.1** Discuss the formation and fates of ammonia. Add a note on ammonia toxicity. (10)
- Q.2** Describe the process of protein biosynthesis in detail. (10)
- Q.3** Discuss the metabolism of Iron in detail. (10)
- Q.4** Discuss the formation and fates of bilirubin. Add a note on Jaundice. (10)
- Q.5** Write notes on (**ANY TWO**): (10)
- a) Applications and Hazards of radioisotopes
 - b) Blood buffers
 - c) Types and functions of Ribonucleic Acid (RNA)
- Q.6** Write notes on (**ANY TWO**): (10)
- a) Mutation
 - b) Regulation of water and electrolyte balance
 - c) Electrophoresis

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