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Total No. of Questions: 11 [Total No. of Printed Pages: 3

HOMESEM-133

M.Sc. (Ist Semester) Examination Dec., 2022 FOOD AND NUTRITION

Paper - IV

(Advanced Nutritional Biochemistry)

Time: 3 Hours [Maximum Marks: 40

The question paper contains three Sections.

Section-A (Marks : $1 \times 10 = 10$)

Note: Answer all ten questions (Answer limit 50 words). Each question carries

1 mark.

Section–B (Marks : $3 \times 5 = 15$)

Note: Answer all *five* questions. Each question has internal choice (Answer limit **200** words). Each question carries **3** marks.

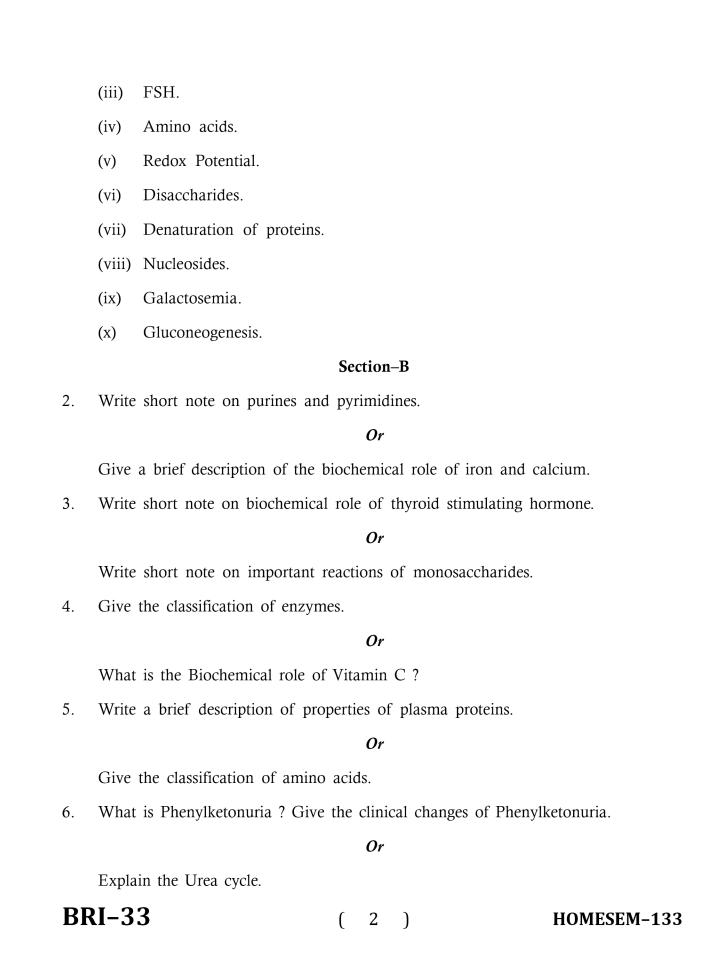
Section–C (Marks: $5 \times 3 = 15$)

Note: Answer any *three* questions out of five (Answer limit **500** words). Each question carries **5** marks.

Section-A

- 1. (i) Acid number.
 - (ii) Saponification.

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Section-C

- 7. Explain the process of transcription in detail.
- 8. Explain the process of glycolysis.
- 9. Explain the types of polysaccharides in detail.
- 10. Explain in detail, the citric acid cycle.
- 11. Explain the general properties of enzymes.