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BPG-1118

P.T.O.

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

BPG-1118

M.Sc. (Previous) Examination, 2021 HOME SCIENCE (Food and Nutrition)

Paper-III

(Advanced Nutritional Biochemistry)

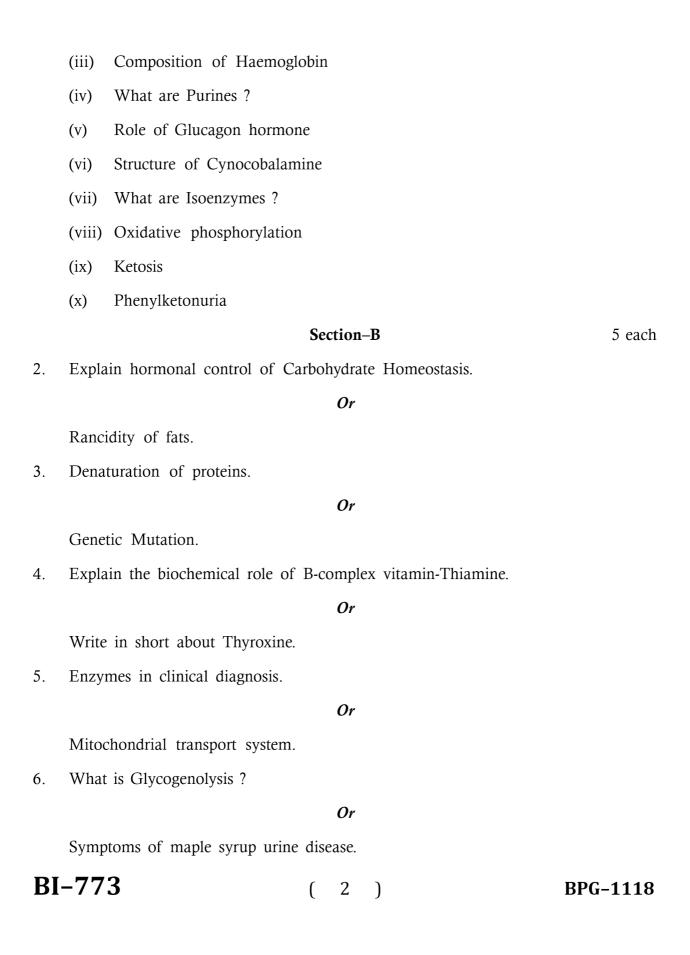
Time : 1½ *Hours*] [Maximum Marks : 75 Section-A (Marks : $2 \times 10 = 20$) Answer all ten questions (Answer limit 50 words). Each question carries *Note* :-2 marks. Section-B $(Marks: 5 \times 5 = 25)$ Answer all five questions. Each question has internal choice (Answer limit Note: 200 words). Each question carries 5 marks. Section-C (Marks: $10 \times 3 = 30$) *Note* :-Answer any three questions out of five (Answer limit 500 words). Each question carries 10 marks. Section-A 2 each 1. (i) What is Reichert-Meissl number?

(1)

Structure of Glucose

(ii)

BI-773



Section–C 10 each

7. What do you understand by Dietary Fibre ? Explain the composition, physiological effects and recommended levels of dietary fibre.

- 8. Explain with reference to proteins:
 - (i) Hormonal control of protein metabolism
 - (ii) Evaluation of protein quality
- 9. Explain the biochemical role of any two fat soluble vitamins.
- 10. Explain Enzyme kinetics.
- 11. Explain of the following:
 - (i) Glycolysis
 - (ii) Urea cycle