

**WEST BENGAL STATE UNIVERSITY**

B.Sc. Honours 3rd Semester Examination, 2021-22

FNTACOR07T-FOOD AND NUTRITION (CC7)

Time Allotted: 2 Hours

Full Marks: 40

*The figures in the margin indicate full marks.
Candidates should answer in their own words and adhere to the word limit as practicable.
All symbols are of usual significance.*

Answer any four questions from the following

10×4 = 40

1. Define therapeutic diet. What are the common adaptations that are taken to convert a normal diet into a routine hospital diet? Explain briefly about soft diet and its implications. 2+4+4
2. What do you mean by menu planning? Define exchange list. Mention the factors that affect the food choice. Write in brief about role of dietitian in hospitals. 2+2+3+3
3. (a) Explain the terms: RDA and RNI. 3+3
(b) Write a note on food pyramid and its significance. 4
4. What is parenteral feeding? Compare the features of enteral and parenteral mode of feeding. Clear fluid diet cannot be continued for a long time. Justify. Mention any two clinical conditions, which require (i) high carbohydrate diet and (ii) low protein diet. 2+4+2+2
5. (a) State the nutritional significance of egg yolk. 3
(b) What is egg foaming? 3
(c) Discuss briefly the factors that affect the stability of the foam. 4
6. Write the differences between: 5+5
(i) Regular diet and Routine hospital diet.
(ii) Light diet and soft diet.
7. Write short notes on the following: 5+5
(i) Five food group system of ICMR
(ii) Pasteurization of milk.

8. (a) Write a note on composition of cow milk. 4
(b) What is nutrient modification? Explain its application with suitable example. 2+4
9. (a) State the objectives of dietetics. 5
(b) Explain the Canadian food guide. 5

N.B. : *Students have to complete submission of their Answer Scripts through E-mail / Whatsapp to their own respective colleges on the same day / date of examination within 1 hour after end of exam. University / College authorities will not be held responsible for wrong submission (at in proper address). Students are strongly advised not to submit multiple copies of the same answer script.*

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