



WEST BENGAL STATE UNIVERSITY  
B.Sc. Honours 4th Semester Examination, 2023

**FNTACOR10T-FOOD AND NUTRITION (CC10)**

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.*

**Answer any four questions from the following**

10×4 = 40

1. (a) What is myocardial ischemia? Explain its pathophysiology. (2+2)+2+4  
(b) Is it different from myocardial infarction?  
(c) Discuss the nutritional management of hyperlipidemia.
2. Describe the role of fat in the causation of atherosclerosis. Why is sodium restricted in hypertension? What do you mean by DASH diet? Explain the role of functional foods in prevention of atherosclerosis. 4+2+2+2
3. Write a short note on anorexia nervosa. Write briefly about nutritional management of asthma. 6+4
4. Write a short note on Phenylketonuria. Give a list of four foods to be excluded in galactosaemia. What is MSUD? Explain the relationship of antioxidants and incidence of cancer. 3+2+2+3
5. Write short notes on etiology and dietary management of osteoporosis. 5+5
6. What dietary modifications are required for treating oral cancer patients? Write a note on Low Sodium Diet and its importance. 4+(3+3)
7. What is gout? How is gout identified clinically and biochemically? Plan a day's diet for an individual suffering from gout. 2+3+5
8. Explain your idea about colon cancer and its pathogenesis. Discuss its dietary management. (2+2)+6
9. Write short notes on (any two): 5+5
  - (a) GDM
  - (b) Food exchange list
  - (c) Artificial sweetener.

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