

Roll No. : .....

Total No. of Questions : 11 ]

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# **BFMS-466**

**M.Sc. Home Science (Final) Examination, 2023**

**FOOD AND NUTRITION**

Paper - VII

**(Public Nutrition, Food Safety and Quality Control)**

*Time : 3 Hours ]*

*[ Maximum Marks : 50*

**Section-A**

**(Marks : 2 × 10 = 20)**

*Note :-* Answer all *ten* questions (Answer limit **50** words). Each question carries **2** marks.

**Section-B**

**(Marks : 3 × 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 × 3 = 15)**

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

**Section-A**

1. (i) Define Community.
- (ii) Health
- (iii) Nutritional Security
- (iv) Population

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- (v) Primary Health Care
- (vi) Evaluation
- (vii) Anti-oxidants
- (viii) Leavening agents
- (ix) New food product
- (x) AGMARK

**Section–B**

2. Write a short note on impact of undernutrition on National development.

*Or*

Write a note on National Health Care Delivery System.

3. Differentiate between population and sample.

*Or*

What is a diet survey ? Explain.

4. Give importance of case study.

*Or*

Write importance of family welfare programmes.

5. What are microbiological hazards ?

*Or*

Write principles of food quality assurance.

6. Give functions of food packaging.

*Or*

Write objectives of sensory evaluation.

**Section–C**

7. Discuss inter-relationship between population, nutrition and quality of life.
8. Write in detail about National Food and Nutrition Policy.

9. What is Nutrition Education ? Give principles and importance of nutrition education.
10. What are Toxicants ? Write about types of toxicants.
11. What is a Food ? Write characteristics and importance of food label.