

**Ph. D. (FOOD AND NUTRITION)**  
**(PHDFN)**

**Term-End Examination**

**June, 2026**

**RFNE-002 : PUBLIC NUTRITION**

*Time : 3 Hours*

*Maximum Marks : 100*

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**Note :** (i) Attempt any *five* questions.

(ii) All questions carry equal marks.

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1. (a) What are the common vaccine preventable diseases among children ?  
Give the national immunization schedule. 10
  - (b) Define the following : 5×2=10
    - (i) Village Health Guide
    - (ii) BMI
    - (iii) Consumption unit
    - (iv) Nutrition surveillance
    - (v) Fluorosis

2. What are the *four* phases in planning a nutrition education programme ? Describe these phases briefly. 20
3. (a) You have been asked to assess the nutritional status of children in a preschool centre. What method would you use to assess their nutritional status ? Also present the standard you will use to categorise children into different grades of malnutrition. 10  
(b) Present a brief review on the food security programmes implemented by the government, highlight their activities. 10
4. (a) Briefly discuss any *two* programmes implemented by the government for the welfare of pregnant women. Give their objectives and implementation strategy. 10  
(b) Highlight the different clinical forms of PEM. Present the WHO classification for identifying the grades of PEM in our country. 10
5. (a) 'Fortification is a major approach to prevent micronutrient deficiency'.

Justify the statement giving the approach adopted in our country regarding fortification to overcome malnutrition. 6

(b) Comment on the importance of clean water and urban and rural sanitation as a strategy to improve nutrition and health status of individuals. 10

(c) What do you understand by programme management ? As a public health nutritionist, what functions of management would you adopt in context of nutrition programmes ? 4

6. (a) What do you understand by communication for behaviour change ? Briefly discuss its relevance, challenges and constraints. 10

(b) Enlist the major agencies involved with nutrition monitoring and surveillance in our country. Highlight the data/type of information collected by each of the agencies. 10

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