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RFNE–002

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

Term-End Examination

December, 2024

RFNE–002 : PUBLIC NUTRITION

Time : 3 Hours

Maximum Marks : 100

Note : Answer any *five* question. All questions carry equal marks.

1. Present a brief review of the Existing Programmes/Schemes enacted by the government for the welfare of the following largest groups : 4+4+4+4+4

- (a) Pregnant/Lactating Women
- (b) Children 0–3 years
- (c) Children 3–6 years
- (d) Adolescent Girls (11–18 years)
- (e) Adults

2. Explain the following briefly giving appropriate examples : 5+5+5+5

- (a) Nutrition and quality of life
- (b) Indirect assessment of nutritional status
- (c) Ocular manifestation of Vitamin A deficiency
- (d) Biochemical assessment methods for estimation of iron stores and anaemia

3. (a) Differentiate between the qualitative and quantitative diet survey methods, highlighting their uses, advantages and limitations. 10

- (b) How does the Mid-upper Arm Circumference (MUAC) measure reflect the nutritional status ? Discuss briefly giving the rationale, technique and classification for grades of malnutrition for MUAC. 10

4. Present a brief review on the various agencies and type of information collected by them to monitor nutritional/health status of individuals in a community. 20

5. What are nutrient deficiency control programmes ? Enlist and discuss the important aspects of any *two* programmes highlighting the objectives, target groups and programme strategy and implementation. 20
6. (a) Critically analyze the impact of ICDS on nutritional status of vulnerable groups. Support your answer with appropriate justifications. What priority action you would suggest to improve ICDS ? 10
- (b) What are street foods ? Elaborate on some of the initiatives taken by the government to improve the quality of street foods. 10
7. What are food based strategies to combat public nutrition problems ? Discuss briefly highlighting their salient features. 20
8. (a) What is need assessment ? Discuss the techniques you may use for conducting need assessment. 10

- (b) “Nutrition education aims to change behaviour.” Justify the statement giving appropriate examples and highlight the challenges and constraints of nutrition education.

10

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