

Ph.D. IN FOOD AND NUTRITION (PHDFN)

Term-End Examination

June, 2018

00315

RFNE-002 : PUBLIC NUTRITION

Time : 3 hours

Maximum Marks : 100

Note : *Attempt five questions in all. All questions carry equal marks.*

1. Explain the following briefly :
 - (a) Classification used to categorize adults and children into different grades of malnutrition. 3+3
 - (b) WHO's classification for assessment of Vitamin A status. 5
 - (c) Consequences of maternal zinc deficiency on birth outcome and maternal health. 9
2. (a) What do you understand by food and nutrition security ? Briefly discuss the determinants of food security. 5+8
- (b) Briefly discuss the initiatives taken by the Government of India to prevent anaemia among vulnerable groups in our country. 7
3. Describe the different methods to study the nutritional status of children in a community. 20

4. (a) What is nutritional surveillance ? Enumerate the different organizations involved in nutritional monitoring and surveillance in our country, highlighting their unique role. 2+8=10
- (b) What is food fortification ? Explain giving example. Enumerate the philosophy behind using fortification as a strategy to combat malnutrition. 5+5
5. Give one example each of the programmes launched by G.O.I. under the following categories. Explain them briefly giving their objectives, beneficiaries and components : 5+5+5+5
- (a) Community based outreach programmes for women and children
- (b) Food supplementation programme
- (c) Nutrient deficiency control programme
- (d) Food security programme
6. (a) Explain the need, scope and importance of nutrition education in changing behaviour of community groups. 10
- (b) What do you understand by the term community participation ? Give the benefits of community participation and highlight the different types of community groups which can be formed in a community for implementation of nutrition intervention programmes. 2+4+4