

U.G. 4th Semester Examination - 2022**FOOD & NUTRITION****[HONOURS]****Course Code : F&N-H-CC-T-8**

Full Marks : 40

Time : $2\frac{1}{2}$ Hours*The figures in the right-hand margin indicate marks.**Candidates are required to give their answers in their own words as far as practicable.*

1. Answer any **five** questions: $2 \times 5 = 10$
- a) What are active and passive immunity?
 - b) What is the full form of CARE? What are the main functions of CARE in India?
 - c) What is Vitamin A prophylaxis Programme?
 - d) What are the objectives of diet survey?
 - e) Write on the two importance of MDMP.
 - f) Define 'wasted' and 'stunted' growth in children.
 - g) How is family Adult Consumption Unit (ACU) calculated?
 - h) What is Xerophthalmia?

- i) What is DPT vaccine?
 - j) What is Infant Mortality Rate?
2. Answer any **two** questions: $5 \times 2 = 10$
- a) Write on the specific anthropometric measurements that are used to evaluate children's growth. 5
 - b) What are the main objectives of the nutrition surveillance system that are used primarily in relation to malnutrition in developing country? 5
 - c) i) Write on the use of BMI to determine nutritional status of an individual.
ii) Name one disease associated with Under and Over nutrition. 3+2
 - d) Write an immunization programme of a viral disease with suitable example. 5
3. Answer any **two** questions: $10 \times 2 = 20$
- a) i) Write on the recent status of micronutrient deficiencies among the Indian population.
ii) Why does it call 'hidden hunger'?
iii) Write on the National Programmes that are used to combat micronutrient deficiencies. 2+2+6

- b) i) What is PDS and how does it work?
- ii) In 1997 India Government launched the Targeted PDS (TPDS)—What is this programme?
- iii) How does TPDS improve the food security?
- iv) What is digitalization of ration card?

3+3+3+1

- c) i) What are the main objectives of nutrition education?
- ii) To deliver nutrition education to Mothers about child nutrition—
 - A) What should be the effective methodology?
 - B) What should be the specific contents of education?

4+6

- d) i) Write briefly on the four direct methods that are used to measure nutritional status of a population.
- ii) How can you get an estimation of nutritional status of a population by indirect indicators like health, social, economic and environmental indicators?

4+6