

**Instructions:**

1. Write the Roll no. on your question paper.
  2. Candidate should ensure that the question paper supplied to them is complete in all respects. Complaints in this regards, if any, should be made to the invigilatory staff on the duty in the exam centre within 15 minutes of Commencement of the exam. No complaint shall be entertained thereafter.
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**(Section: A)**

**Q. A Multiple - Choice Questions:**

**(5)**

1. Which of the following is not fat – soluble vitamin?  
(a) Vit - A                      (b) Vit - C                      (c) Vit - D                      (d) Vit - E
2. Which of the following vitamin is used in blood clotting?  
(a) Dairy product      (b) Cod – liver oil      (c) Vegetables      (d)Wheat product
3. Which of the following has highest calorific value?  
(a) Carbohydrate      (b) Vitamin                      (c) Protein                      (d) Fats
4. Which of the following provides elasticity to skin?  
(a) Keratine                      (b) Actin                      (c) Collagen                      (d) Elastin
5. In .....malarial cases are detected by domiciliary visits.  
(a) Mass blood survey                      (b) Passive case detection  
(c) Data analysis                      (d) Active case detection

**Q. B Very Short Question:**

**(5)**

1. Define nutraceutical?
2. Give the two benefits of fiber.
3. What are ill effects of junk food?
4. Define macronutrient and micronutrient.
5. What is a tehsil?

**(Section: B)**

**Q. C Short Answer Type Questions: (Attempt any five)**

**(3 × 5 = 15)**

1. Explain the term fortification of food.
2. Explain the balanced diet.
3. Write a short note on pesticides.
4. Write a short note on artificial ripening of fruits.
5. Describe the role of pharmacist in national health programme.
6. Give the objective, function, prevention of AIDS control program.

**(Section: C)**

**Q. D Long Answer Type Questions: (Attempt any three)**

**(5 × 3 = 15)**

1. Explain nutraceuticals along with classification.
2. Explain macronutrients and micronutrients.
3. Discuss family welfare program in detail.
4. Explain the organization and function of central council of health and directorate general of health services.