

Exam Code: 510011

Paper Code:1303

Programme: Bachelor of Vocation (Nutrition and Dietetics)

Semester: I

Course Title: Nutrition and Immunity

Course Code: BVNL-1283

Time Allowed: 3 Hours

Max Marks: 70

Note: Attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any section. Each question carries 14 marks.

Section -A

1. What do you mean by term nutrition and its essential elements.
2. Discuss the characteristics of positive health behaviors and their impact on overall health.

Section -B

3. Describe the Physiology of immune system's and its importance.
4. Explain the role of nutrients in immune functions and the consequences of undernutrition on immunity.

Section -C

5. What do you mean by nutraceuticals and Functional foods.
6. Explain how aging affects immune function and the nutritional strategies to combat this decline.

Section -D

7. Explain the roles of probiotics and prebiotics in supporting immunity and overall health.
8. Identify and discuss two recent health concerns related to nutrition and immunity.

Exam Code:510011

Paper Code:1304

Programme: Bachelor of Vocation (Nutrition and Dietetics)

Semester: I

Course Title: Basic Food and Nutrition

Course Code: BVNL -1284

Time Allowed: 3 Hours

Max Marks: 70

Instructions: Attempt five questions in all, selecting one question from each section. The fifth question may be attempted from any section. Each question carries 14 marks.

Section -A

1. What is malnutrition ? What are the factors that lead to malnutrition ?
2. Write the methods of enhancing the nutritive value of foods.

Section -B

3. Write the functions and food sources of Carbohydrates.
4. Write the classification of carbohydrates.

Section -C

5. What are the functions of Fats and Oils?
6. Write about the deficiency of Protein?

Section -D

7. Write the functions of Calcium in our Diet?
8. What are the functions and Deficiency of Vitamin A?

Exam Code: 510011

Paper Code: 1305

**Programme: Bachelor of Vocation (Nutrition and
Dietetics) Semester-I**

Course Title: Human Physiology

Course Code: BVNM-1285

Time: 3 Hours

Theory: 50

Note: Attempt five questions in all, selecting at least one question from each section. Fifth question may be attempted from any section. Each question carries 10 marks.

Section A

- Q1. Discuss the basic properties of Heart and cardiac output.
- Q2. Explain the cell structure.

Section B

- Q3. Explain the secretory and digestive function of the salivary glands.
- Q4. Explain the structure and function of brain and spinal cord.

Section C

- Q5. Discuss the structure and function of respiratory organs.
- Q6. What is role of kidney in water and electrolyte balance?

Section D

- Q7. Explain the functions of pancreas.
- Q8. Explain the functions of thyroid glands