

Exam. Code : 304202

Subject Code : 7390

P.G. Diploma in Nutrition and Dietetics 2nd Semester

HYGIENE AND FOOD MICROBIOLOGY

Paper—I

Time Allowed—3 Hours]

[Maximum Marks—75

Note :—Attempt any **five** questions. All questions carry equal marks.

1. Define Hygiene and Sanitation. Explain Industrial Hygiene in detail. 15
2. Explain the following :
 - (i) Environmental Sanitation. 8
 - (ii) Public Health. 7
3. Define “Disinfection”. Explain methods of controlling disinfection. 15
4. Write notes on the following :
 - (i) Isolation and Quarantine. 8
 - (ii) Immunity. 7
5. Define “Microbiology”. Explain its scope. 15
6. Define Antimicrobiological agents. Explain Antiseptics and Germicides in detail. 15

7. Discuss the following :

(i) Food Spoilage. 7

(ii) Food Preservation. 8

8. Write down sources of harmful bacteria and their methods of transmission in detail. 15

Note :—Attempt any five questions. All questions carry equal marks.

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2. Explain the following :

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(ii) Public Health. 7

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(Contd.)

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DIET THERAPY AND APPLIED NUTRITION

Paper—II

Time Allowed—3 Hours]

[Maximum Marks—75

Note :—Attempt any **five** questions. All questions carry equal marks (**15** marks each).

I. Write notes on the following :

(i) Liquid and Soft Diet

(ii) Intravenous feeding

(iii) Diet in Typhoid. 5,5,5

II. Enlist common gastro intestinal diseases. Discuss the aetiology, principles of treatment and types of diet in the treatment of peptic ulcer. 15

III. Define malnutrition. Discuss protein energy malnutrition (PEM), its types, clinical symptoms and prevention through diet management. 15

IV. Describe the aetiology, clinical symptoms and diet management for :

(a) Jaundice

(b) Pancreatitis.

7½, 7½

- V. (a) What are Cardio Vascular Diseases (CVDs) ?
Enlist some common CVDs. 15
- (b) Discuss aetiology and diet therapy for hypertension. 15
- VI. Write a detailed note and dietary modifications for :
- (a) Diabetes
- (b) Nephritis. $7\frac{1}{2}, 7\frac{1}{2}$
- VII. Describe various factors that may cause cancer and nutritional guidelines to minimize risk of a cancer. Discuss methods of nutritional care of a cancer patient. 15
- VIII. Explain AIDS and HIV. Discuss the nutritional deficiencies that may occur in an AIDS patient and diet modifications for such a patient. 15