

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

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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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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 [Max. 7½]
- (b) Nephritis. 7½, 7½
- 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