



**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH**

**(A DEEMED TO BE UNIVERSITY)**

Integrated B.Sc. - M.Sc. Clinical Nutrition and Dietetics (CND)

Second Year Semester-IV September 2022 Examination.

**Time: 2 Hrs**

**Max Marks: 50**

**FOOD PROCESSING & TECHNOLOGY**

**QP Code: N 4120**

*Your answers should be specific to the question asked  
Draw neat labelled diagrams wherever necessary*

**LONG ESSAY**

**2×6=12 Marks**

1. Discuss the effect of processing techniques on the nutritional quality of millets.
2. Explain the changes in the quality attributes of dried and dehydrated foods.

**SHORT ESSAY**

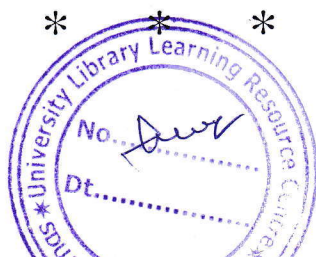
**6×4=24 Marks**

3. Give in detail the steps involved in solvent extraction of oil.
4. Discuss the various chemical preservatives used in meats.
5. Write the influence of enzymes on wheat flour during storage.
6. Discuss the technique of parboiling of rice
7. Write the technique of freeze concentration
8. Explain the process of baking

**SHORT ANSWER**

**7×2=14 Marks**

9. Name a few leavening agents
10. List the chemicals used in bleaching of wheat flour
11. Deodorization
12. List the uses of oil cakes
13. Types of discolouration in meats
14. Food irradiation
15. Ultra filtration





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**[Max Marks: 50]**

**MEDICAL NUTRITION MANAGEMENT-II**

**QP Code: N4082**

Your answer should be specific to the question asked

Draw neat labeled diagrams wherever necessary

**LONG ESSAY**

**2x6= 12 Marks**

1. Define Atherosclerosis. Describe the causes and consequences of Atherosclerosis
2. Explain the nutritional management for patients with respiratory failure

**SHORT ESSAY**

**6x4=24 Marks**

3. Explain the pathophysiology of renal failure
4. Explain the risk factors for urinary tract infection.
5. Describe the nutritional therapy for osteoporosis
6. Explain the pathophysiology of rheumatoid arthritis
7. Discuss the symptoms that may develop in coronary heart disease
8. Explain the etiology for chronic lung diseases

**SHORT ANSWER**

**7x2=14 Marks**

9. Mention the symptoms of systemic lupus erythematosus
10. Define osteopenia
11. Define glomerular nephritis
12. Define polycystic kidney diseases
13. List the etiological factors for tuberculosis
14. List the signs and symptoms for COPD
15. Define rheumatic heart diseases

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