

**SARDAR PATEL UNIVERSITY**  
**Programme: B.Sc (Home Science)**  
**Semester: VI**  
**(Foods & Nutrition)**  
**(Food Science & Quality Control-Vocational)**  
**Syllabus with effect from: November/December-2013**

## Theory

### Objectives:

This course will enable the students to:

- Understand the role of diet in therapy.
- Gain knowledge on dietary modifications for various diseases.
- Be able to plan and prepare diets for various diseases.

<b>Paper Code:UH06CFDN01</b>	<b>Total Credit: 3</b>
<b>Title Of Paper: Medical Nutrition Therapy - II</b>	

Unit	Description in detail	Weighting (%)
I	<b>Diseases of liver</b> A. Functions of liver (Review) ➤ Test used for liver functions. B. Etiology, Symptoms and dietary management in viral hepatitis, Cirrhosis of Liver, hepatic co ma	20%
II	<b>Diseases of renal system:</b> A. Functions of kidney ( review) ➤ Tests used for kidney functions. B. Etiology, Symptoms and dietary management in : Nephritis, Nephrotic syndrome, Nephrolithiasis, Renal failure and dialysis, Low sodium diets. Level of sodium restriction.	20%
III	<b>Diseases of Cardiovascular System:</b> Functions of Heart ( Review) Arthrosclerosis- Etiology and risk factors. Hyperlipidemia – Types and nutritional aspects for each in brief. Etiology for hypertension and congestive cardiac failure.	20%
IV	<b>Diet in Diabetes Mellitus:</b> Classification and symptoms, Testes used for diagnosis of diabetes Mellitus. Glycemic Index of Foods. Dietary Management of Diabetes Mellitus. Diabetic coma, Insulin shock and chronic complications due to Diabetic mellitus (in brief).	20%
V	Diet in cancer. Diet in HIV Infection.	20%

### Basic Text & Reference Books

- Joshi S.A.(1992) Nutrition and Dietetics Tata Mc Graw Hill Publication New Delhi.
- Anderson, L, Dibble, M.U.Turkki, P.R.Mitchell, H.S. and Rynbergin,H.J.(1982)
- Nutrition In Health .Disease latest ed, J.B.Lippincott & Co. Philadelphia.
- Antia, F.P. (1973) Clinical Dietetics and nutrition 2nd ed, Oxford University press New Delhi.



- Mahan, L.K. Arli, M.T. ( 1992) Krause Food Nutrition and Diet Therapy 8th ed.
- W.B. Saunders Co. London.
- Robinson, C.H.Lawer, M.R.,Chenoweth, W.L. and Garwlic,
- A.E.(1986) normal and therapeutic 17th ed. Mac.Millsn Publishing Co.
- Williams S.R. (1989) Nutrition and Diet therapy 6th ed. Tumes mirror/Mosby
- College publishing St. Louis.
- Raheena Begum (1989) A text book of Food Nutrition and Dietetics Sterling Publisher New Delhi.

