

Biochemistry Department
JINNAH MEDICAL COLLEGE PESHAWAR
1st Year MBBS

COURSE CONTENTS FOR CAT-II

Date: 23/12/2011

CARBOHYDRATES:

1. Classification of Carbohydrates
2. Asymmetric carbon atom
3. D, L configuration
4. Mutarotation
5. Chemical properties

VITAMINS:

Chemistry, Biochemical function, Deficiency manifestation, daily allowance & sources of the following Vitamins:

- Vitamin – C (ascorbic acid)
- Vitamin – D (Calciferol)
- Vitamin – E (Tocopherol)
- Vitamin – K (Phylloquinone)
- Vitamin – B₁ (Thiamine)
- Vitamin – B₂ (Riboflavin)
- Vitamin – B₃ (Niacin)
- Vitamin – B₃ (Niacin)
- Vitamin – B₅ (Pantathonic Acid)
- Vitamin – B₆ (Pyridoxin)
- Vitamin – B₇ (Biotin)
- Vitamin – B₉ (Folic Acid)
- Vitamin – B₁₂ (Cynocobalamin)