

[LD 1013]

OCTOBER 2013
M.Sc CLINICAL NUTRITION EXAM
FIRST YEAR
PAPER II – NITRITIONAL BIOCHEMISTRY

Sub.Code :1302

Q.P. Code: 281302

Time: Three hours

Answer All questions

Maximum : 100 Marks

I Elaborate on:

(2x20 =40)

1. Write a Brief note on Embden Meyer of Pathway & add a note on number of ATP molecules formed by the complete oxidation of one glucose molecule.
2. Give a detail account on Group I & Group II Hormones and their action.

II. Write Short notes on:

(10 x 6 = 60)

1. Write the details of any three Lipid Storage Diseases
2. Classify Carbohydrates with examples
3. Write down the formation of Urea from ammonia
4. Brief note on macro & micro minerals and their sources, functions & requirements
5. Hormonal regulation of blood glucose level. Explain?
6. Classify enzymes
7. Brief note on Salvage Pathway for Purines
8. Explain the Sources, functions, requirements & deficiency manifestations of Vitamin D.
9. Explain the pathway of B-Oxidation of Fattyacids
10. What are the functions of Proteins.
