

[LF 1014]

OCTOBER 2014

Sub.Code :1304

**M.Sc., CLINICAL NUTRITION DEGREE EXAMINATION  
FIRST YEAR  
(2012-2014 Batch onwards)  
PAPER IV – ADVANCE NUTRITION**

*Q.P. Code: 281304*

**Time: Three hours**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Elaborate on the classification, digestion, absorption and the dietary sources carbohydrates.
2. Elaborate on Polyphenols.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Explain the health benefits of fibre
2. Explain on Heart Monitoring Rate and Double Labeled water
3. Explain on the digestion and absorption of fats
4. Explain on the functions of water and electrolytes
5. Differentiate between Kwashiorkor and Marasmus
6. Explain the deficiency diseases of thiamin and niacin
7. Explain the functions of vitamin E and vitamin K and their dietary sources
8. Explain on goiter and nutritional anemia
9. Explain the regulation of blood calcium concentration in the body
10. Explain on the dietary factors with anti nutritional effects

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