

[LL 1017]

OCTOBER 2017

Sub. Code: 1304

**M.Sc. CLINICAL NUTRITION EXAMS
FIRST YEAR
PAPER IV – ADVANCE NUTRITION**

Q.P. Code : 281304

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss in detail the health benefits of probiotics and prebiotics.
2. Explain briefly on definition, classification and health benefits of resistant starch and fiber.

II. Write notes on:

(10 x 6 = 60)

1. What is BMR? Factors affecting BMR.
2. Give the clinical and biochemical features of Kwashiorkor and Marasmus.
3. Explain the functions of lipids and the role of lipoproteins in the body.
4. Deficiency of vitamin A and its nutritional management.
5. List out the functions and deficiency of folic acid.
6. Explain on water and electrolyte balance.
7. Explain the various factors influencing the calcium absorption.
8. Write about the health benefits of polyphenols.
9. Explain in detail on pyridoxine and cyanocobalamin.
10. Write about the functions of zinc and selenium.
