

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0122]

**JANUARY 2022
(OCTOBER 2021 EXAM SESSION)**

Sub. Code: 1314

**M.Sc. CLINICAL NUTRITION
SECOND YEAR (From 2012-2014 onwards)
PAPER IV – PUBLIC NUTRITION
*Q.P. Code : 281314***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Enumerate the various components of energy expenditure, highlighting the factors that influence energy expenditure and requirement.
2. Give the causes, pathogenesis and dietary management of Coronary heart diseases.

II. Write notes on:

(10 x 6 = 60)

1. Write the role of nutrients in immune promotion.
2. Explain the nutritional management of high risk pregnancies.
3. Give the factors affecting glycemic index of foods.
4. Enumerate in detail on the energy requirements during lactation.
5. What are the types of Fiber and give the health benefits of fiber.
6. List out the role of specific nutrients and alcohol in liver diseases.
7. Give in detail on regulation of food intake and pathogenesis of obesity.
8. Write on CFTRI and NIN related to public and health nutrition.
9. List out the planning diet for individual with hypertension.
10. What about the phenylketonuria and its nutritional management.
