

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

[AHS 1022]

OCTOBER 2022

Sub. Code: 1304

M.Sc. CLINICAL NUTRITION

FIRST YEAR

(Candidates admitted from 2012-2013 onwards - Paper - IV)

(Candidates admitted from 2020-2021 onwards - Paper - V)

PAPER IV & V – ADVANCE NUTRITION

Q.P. Code : 281304

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Write about macro-nutrients, its significant and recommendations.
2. What is BMR? Factors affecting BMR.

II. Write notes on:

(10 x 6 = 60)

1. Explain functions and bio availability of vitamin C.
2. Write on the digestion and absorption of carbohydrates.
3. What are the functions of fat in human body?
4. Differentiate pre-biotics and pro-biotics.
5. Write on hypervitaminosis.
6. Water plays several roles in our life style processes. Justify the statement giving the functions of water.
7. Write on n-3 and n-6 fatty acids.
8. Write on anaemia and dietary management.
9. Write on nutrient-nutrient interaction.
10. Explain on phytates and protease inhibitors.
