

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

[AHS 0921]

**SEPTEMBER 2021
(MAY 2021 EXAM SESSION)**

Sub. Code: 1303

**M.Sc. CLINICAL NUTRITION
FIRST YEAR (From 2012-2014 onwards)
PAPER III – MEDICAL AND FOOD MICROBIOLOGY
*Q.P. Code : 281303***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Factors responsible for food spoilage – Meat, Fish, Milk and milk products.
2. List and explain the factors affecting the growth of microorganism.

II. Write notes on:

(10 x 6 = 60)

1. Fermented dairy products.
2. Health related concerns of GM food.
3. Anti Nutritive factors in food.
4. Prevention and Food Adulteration Act 1954.
5. Physical methods of Food preservation.
6. Principle of HACCP.
7. Concern of Dioxin-contaminated food.
8. Microorganism in Food.
9. Write notes on food borne infection.
10. Risk analysis: the new paradigm in food safety assurance.
