

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

[AHS 0321]

MARCH 2021

Sub. Code: 1303

(OCTOBER 2020 EXAM SESSION)

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. Need, Benefit, Principle and guidelines for HACCP.
2. Food borne diseases and explanation types of food borne disease.

II. Write notes on:

(10 x 6 = 60)

1. What are Priyons and name disease caused by Priyons.
2. Factors responsible for food spoilage.
3. Sources of contamination.
4. Standardization and quality control.
5. Risk management and communication.
6. Different physical method preservation.
7. Fermented - baked preparation.
8. Explain temperature and moisture affecting growth of microorganism.
9. Harmful effects of adulterants.
10. Microorganism in food.
