

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

[AHS 0522]

MAY 2022

Sub. Code: 1305

M.Sc. (CLINICAL NUTRITION) DEGREE EXAMINATION

First Year

Paper V Principles of Food Science

Q.P. Code: 281305

Time : Three Hours

Maximum : 100 Marks

Answer ALL questions

I. Elaborate on:

(2 × 20 = 40)

1. Structure, composition of eggs and coagulation of egg protein.
2. Household and medicinal value of Indian spices.

II. Write Notes On:

(10 × 6 = 60)

1. Adams consistometer and Bostwick consistometer.
2. Classification and function of beverages.
3. Rancidity.
4. Freezing methods in preservation of foods.
5. Enzymatic browning and its prevention.
6. Composition of milk.
7. Straight dough method and sponge method.
8. Processing of pulses.
9. Classification of poultry and cooking methods.
10. Crystalline and non-crystalline candies.
