

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

[LP 954]

NOVEMBER 2019

Sub. Code: 2954

M.PHARM. DEGREE EXAMINATION
(PCI New regulations 2016)
SEMESTER-I
BRANCH III – PHARMACEUTICAL ANALYSIS – MPA
PAPER IV – FOOD ANALYSIS

Q.P. Code : 262954

Time : Three hours

Maximum : 75 Marks

I. Elaborate on:

(2 x 20 = 40)

1. a) Discuss the different types of Thickening Agents and Antioxidants used in food products.
b) Describe the health benefits and risk of Butter and Cheese.
2. a) Explain the methods of determination of Pesticide residues in Fruits and Milk.
b) Define Vitamins. Write the classification and methods of analysis of Vitamins.

II. Write notes on:

(7 x 5 = 35)

1. Write the common Adulterants used food products.
2. How will you analyse of Organophosphorus Pesticide in Vegetables?
3. Write short notes on Crude fibre and Dietary fibre.
4. How will you determine the adulteration in Fats and Oils?
5. Discuss about the purpose of BIS.
6. Define Flavours. Write any two methods of determination of food Flavours.
7. Illustrate the classification and identification test for Lipids.
