

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

[LQ 0121]

**JANUARY 2021**

**Sub. Code: 2954**

**(APRIL 2020 EXAM SESSION)**

**M.PHARMACY DEGREE EXAMINATION**

**SEMESTER-I (PCI New regulations 2016)**

**PHARMACEUTICAL ANALYSIS – MPA**

**PAPER IV – FOOD ANALYSIS**

***Q.P. Code : 262954***

**Time : Three hours**

**Answer ALL Questions**

**Maximum : 75 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Outline the common tests involved for determination of Adulteration in food items.
2. a) Define Flavors. Give the list of Flavors used in Ice Cream.  
b) Explain the different types and methods of determination of preservatives in food products.

**II. Write notes on:**

**(7 x 5 = 35)**

1. Describe the classification and various methods of analysis of Vitamins.
2. Why hydrogenation used in Edible Vegetable Oil?
3. State the list of various Natural Colours used in food products
4. Write short notes on FDA.
5. Define Vinegar. Discuss the types of Vinegar and its use.
6. Discuss the composition of Milk.
7. What are the various Toxic Ingredients added in food products?

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