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Total No. of Pages : 01

Total No. of Questions : 06

M.Pharmacy(Pharmaceutical Analysis) (2017 & Onwards) (Sem.-1)

FOOD ANALYSIS

Subject Code : MPA-104T

Paper ID : [74696]

Time : 3 Hrs.

Max. Marks : 75

INSTRUCTIONS TO CANDIDATES :

1. Attempt any FIVE questions out of SIX questions.
2. Each question carries FIFTEEN marks.

1. a) Discuss the role of spectroscopic techniques in analysis of food carbohydrates. (8)
b) Explain physical properties of Proteins. (7)
2. a) Discuss the process of refining of fats and fixed oils. (8)
b) What are Vitamins? Classify them. Give general dietary sources of different vitamins. (7)
3. a) Describe general methods of analysis of Sweeteners. (8)
b) Write a note on permitted synthetic dyes. (7)
4. Describe general methods used for analysis of :
a) Wine (7)
b) Butter (8)
5. a) Describe significance of GC-MS in determination of pesticides residues in fruits. (8)
b) Describe BIS regulations of food products. (7)
6. Write notes on :
a) Chemistry of proteins (5)
b) Microbiological assay of Vitamin B complex (5)
c) Use of Pesticides in agriculture (5)