M. PHARM. FIRST YEAR, FIRST SEMESTER EXAM 2024
SUBJECT: ADVANCED PHARMACOGNOSY-1

Time: 3 hours   Full marks: 75

(Answer any 5 questions)

1. What are the main reasons behind the affinity of people for herbal drugs over synthetic drugs? What are the key causes of the toxicity associated with medicinal plants? Discuss food-drug interactions with suitable examples. $2 + 4 + 9 = 15$

2. Write notes on (Any two)
   a) Significance of Pharmacovigilance in the Herbal Medicine
   b) Vitamin D
   c) Possible ways to establish the safety profile of herbal medicines $7.5 \times 2 = 15$

3. Write down the physiological and health-promoting roles of Iron, Cobalt, Vitamin A, Vitamin K and Selenium. $3 \times 5 = 15$

4. Define dietary fibre. Discuss different classes of dietary fibre along with their health-promoting roles. What are the roles of digestive enzyme supplements? $3 + 9 + 3 = 15$

5. Write an explanatory note on 'Herbs as Functional Food'.   15

6. Write down the sources, functions and Commercial supplements of thiamine, niacin, cobalamines, pantothenic acid and ascorbic acid.   15