

Your Roll No.....

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School of Pharmaceutical Education and Research
M. Pharm. I Semester Examination (2023-24)

Subject: Advanced Pharmacognosy-I
Paper Code: MPG-102T

Date: 11.03.24

Maximum Marks: 75
Time: Three hours

(Write your Roll No. on the top immediately on receipt of this question paper)

Note: This paper has two Sections; A and B.

Attempt all the two sections.

Section A: Answer all the questions

Section B: Answer any 4 out of 6 questions

Abbreviations Used:

CO-Course Outcome, PO- Program Outcome, BTL- Bloom Taxonomy Level: BT level 1-Remember; BT level 2-Understand; BT level 3- Apply; BT level 4- Analyze; BT level 5- Evaluate; BT level 6- Create.

SECTION-A

5x3= 15 Marks

Answer the following in brief (Attempt all questions)

Q. No 1	Question	BTL	CO	PO
(a)	Why conservation of medicinal plants is important?	1	1	3
(b)	What are Herbal Materials? Explain with examples	3	2	2
(c)	Enlist three GAP: i)-----, ii)-----, iii)-----	4	3	2
(d)	What is the difference between Functional Foods and Nutraceuticals?	2	1	1
(e)	What is Pharmacovigilance?	3	4	3

SECTION B

4x15= 60 Marks

Long type Questions (Attempt any 4 out of 6)

	Question	BTL	CO	PO
Q. No 2	Write about the role of Pharmacognosy in herbal drug industry? Illustrate the significance of Current Good Collection Practices (cGCP) in quality control of medicinal plants.	3	1	3
Q. No 3	Describe the challenges associated with research in Marine Drugs? Give the general method of isolation and purification with reference to marine natural products.	4	4	2
Q. No 4	Write informative notes on: i) Dietary fibres, ii) FSSAI guidelines & iii) Vitamin supplements	1	2	3
Q. No 5	Give the occurrence, chemical nature and health benefits of: i) α & β -Carotene, ii) Hesperidin & iii) Tocopherols	3	3	2
Q. No 6	Write the chemical nature and medicinal significance of: i) Andrographolides, ii) Taxol & iii) Vasicine	5	2	1
Q. No 7	Explain i) Herbal drug-drug interactions, ii) Regulatory aspects of nutraceuticals and iii) Safety concerns of natural medicines	4	2	3