

**First Semester M.Pharm Degree Regular/Supplementary Examinations**  
**June 2024**  
**M.Pharm (Pharmacognosy)**

**Paper II - Advanced Pharmacognosy-I (MPG 102T)**

**(Common for 2017 and 2019 Scheme)**

**Time: 3 Hours**

**Total Marks: 75**

- *Answer all questions to the point neatly and legibly* • *Do not leave any blank pages between answers* • *Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together* • *LEAVE sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essays**

**(3x10=30)**

1. AYUSH and WHO guidelines for safety aspects of medicines of natural origin
2. Occurrence, isolation and chemical nature of gugulipids and withanolides.
3. What are the problems faced in the research on marine drugs

**Short Notes**

**(9x5=45)**

4. Antioxidants
5. Good plant collection practices
6. Green and herbal tea
7. Bio drug and food interactions
8. Give the chemical nature, uses in pharmacy and health benefits of d-Limonene
9. Herbs as functional foods
10. Good cultivation practices for medicinal plants
11. Formulation and standardization of nutraceuticals
12. Indian council of agricultural research.

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