

QP CODE: 112330

Reg. No:.....

**First Semester M.Pharm Degree Regular/Supplementary Examinations
April 2023
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. Define and classify nutraceuticals with examples. Write the biological source, family, chemical nature and uses of spirulina and Ginseng
2. What is conservation of medicinal plants. Explain in detail the different methods of conservation of medicinal plants
3. Describe the pharmacovigilance safety monitoring with respect to bio drug-food interactions citing examples

Short Notes

(9x5=45)

4. Current good agricultural practices
5. Marine natural products with anti-cancer activity
6. Botanical source, chemical nature and health benefits of shatavarin
7. Different parameters described in WHO guidelines for assessing the purity of drugs
8. Poly unsaturated fatty acids and their uses
9. Describe the source, chemical nature, medicinal and health benefits of β -Carotene and Hesperidin
10. The role of digestive enzymes as Nutraceuticals
11. Source, chemical constituents and uses of Gugulipids
12. Indian Council of Agricultural Research and its functions
