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Total No. of Printed Pages: 1

Total No. of Questions: [13]

M. Pharma (Pharmacognosy) (Semester – 1st)

ADVANCED PHARMACOGNOSY-I

Subject Code: MPG102T

Paper ID: [17250202]

Time: 03 Hours

Maximum Marks: 75

Instruction for candidates:

1. Section A is compulsory. It carries 20 marks. It consists of 5 questions of 4 marks each.
2. Section B consist of 9 questions of 5 marks each. The student has to attempt any 7 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

Section – A

(4 marks each)

Q1. Attempt the following:

- a. Define and classify nutraceuticals.
- b. Give a brief account on Good cultivation practices.
- c. Give the occurrence, chemical constituents and medicinal uses of rutin.
- d. Define and classify marine drugs.
- e. Give the biological source, chemical constituents and medicinal uses of turmeric.

Section – B

(5 marks each)

- Q2. Give a brief account on Good Agricultural Practices with respect to medicinal plants.
- Q3. Write a detail note on the recent advances in research in marine drugs.
- Q4. Discuss in detail about the formulation and standardization of nutraceuticals.
- Q5. Give the occurrence, isolation, chemical constituents and medicinal uses of tocopherols.
- Q6. Explain about the bio drug-drug and bio drug-food interactions with suitable examples.
- Q7. Give the FSSAI guidelines for nutraceuticals.
- Q8. Write a brief note on the problems faced during taxonomical identification and chemical screening of marine drugs.
- Q9. Write in detail about the importance of Pharmacognosy in herbal drug industry.
- Q10. Give the biological source, chemical constituents and medicinal uses of Ginseng.

Section – C

(10 marks each)

- Q11. Discuss in detail about the Ex-situ and In-situ conservation of medicinal plants.
- Q12. Write in detail about the WHO and AYUSH guidelines for safety monitoring of natural medicines.
- Q13. Give the occurrence, isolation, chemical constituents and medicinal uses of carotenoids (Carotene and Xanthophyll).