

MASTER OF PHARMACY (M. PHARM.) (CBCS-2019 COURSE)
M.Pharm. Sem-I Pharmacognosy : MARCH : 2022
SUBJECT: ADVANCED PHARMACOGNOSY-I

Day : Monday
Date 28-03-2022

M-20718-2022

Time : 10:00 AM-01:00 PM
Max. Marks: 75

N.B.

- 1) **Q.No. 1 and Q.No. 5** are **COMPULSORY**. Out of remaining questions answer **ANY TWO** from **each** section.
 - 2) Answers to both sections should be written in **SEPARATE** answer books.
 - 3) Figures to the **RIGHT** indicate **FULL** marks.
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SECTION – I

- Q.1** You are appointed as consultant for the cultivation of medicinal plants. What **(08)**
Good Cultivation Practices (GCP) you will suggest for maximum yield? Elaborate
with suitable example.
- Q.2** Give the significance of nutraceuticals in modern lifestyle. Suggest the steps to **(15)**
develop flaxseed as nutraceutical.
- Q.3** Write short notes on : **(15)**
a) *Ex-situ* and *In-situ* conservation of medicinal plants
b) Green and Herbal Tea
c) Carotenoids
- Q.4** Write notes on **ANY TWO** of the following : **(15)**
a) Herbs as functional foods
b) Labeling requirements for nutraceutical, explain with example
c) Problems faced in research on marine drugs

SECTION – II

- Q.5** Discuss the characteristic features of flavonoids as phytopharmaceuticals. **(07)**
Elaborate resveratrol with reference to its occurrence, isolation and applications.
- Q.6** Being a Pharmacognosy expert, illustrate your role in pharmacovigilance of drugs **(15)**
of natural origin.
- Q.7** Write short notes on : **(15)**
a) Discuss the Regulatory aspects of nutraceuticals
b) Health benefits of Garlic
c) Describes marine toxins with suitable examples
- Q.8** Write notes on **ANY TWO** of the following : **(15)**
a) Health Drinks of Natural Origin
b) FASSAI guidelines
c) Turmeric
