



**DAR-1612060701080600** Seat No. \_\_\_\_\_

**M. P. M. (Sem-VIII) (CBCS) (W.E.F. 2016)**

**Examination**

**May - 2022**

**Pharmacognosy-VII**

Time : 3 Hours]

[Total Marks : 80

- Instructions :
- (1) Figures to the right indicate marks.
  - (2) Answer any three questions from each section.
  - (3) Question no.1 and Question no.5 are compulsory.
  - (4) Draw neat & clean diagrams as required.

**Section-I**

**1 Answer any SEVEN out of TEN. 14**

- (1) Give the isolation method for menthol.
- (2) Explain in brief foaming index.
- (3) Give identification test for Quinine.
- (4) Give two Standardization parameters for Aswagandha.
- (5) Define Extractive value. Give application of it.
- (6) Give two Standardization parameters for Garlic.
- (7) Give the principle of ISO 9000.
- (8) Write the isolation of rutin.
- (9) Describe in brief about TLC chromatography.
- (10) Give two Standardization parameters for Garcenia.

**2 Answer the following questions.**

- (1) Discuss in detail Isolation, identification and analysis of Diosgenin. **7**
- (2) Define standardization. Write in detail about preparation and evaluation of Amla Extract. **6**

- 3** Answer the following questions.
- (1) Explain in detail Schedule T. **7**
  - (2) Discuss in detail Isolation and identification of Caffeine. **6**
- 4** Answer the following questions.
- (1) Write in detail about isolation, identification and analysis of Curcumin. **7**
  - (2) Discuss in detail the role of ISO-9000 in herbal industry. **6**

## Section-II

- 5** Answer any **TWO** out of **THREE**. **14**
- (1) Write note on recent development of natural products used as 1) Anti-cancer 2) Anti hyperlipidemics.
  - (2) Write about isolation, identification and analysis of Morphine.
  - (3) Explain in detail about Soxhlet method of extraction.
- 6** Answer the following questions.
- (1) Describe in detail about isolation of Sennosides. Give its identification test. **7**
  - (2) Write a short note on Anti- Asthmatic herbal drugs. **6**
- 7** Answer the following questions :
- (1) Discuss in detail isolation method of Atropine. **7**
  - (2) Write in detail about Immunomodulator drugs. **6**
- 8** Answer the following questions :
- (1) Write a short note on herbal drug used as Memory enhancer. **7**
  - (2) Write a detail note on HPTLC as tool for analysis of herbal drugs. **6**