

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

Day : Friday
Date 25-Mar-2022

M-20740-2022

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.

SECTION-I

- Q.1** Explain layout and construction of herbal manufacturing unit. **(08)**
- Q.2** Explain formulation and production management for herbal drugs. **(15)**
- Q.3** Which are different regulatory requirements for starting herbal drug industry? **(15)**
- Q.4** Write notes on **ANY TWO** of the following: **(15)**
- a) Concept of QA in herbal drugs
 - b) Application of TQM
 - c) WHO guidelines for Quality assessment of herbal drugs

SECTION-II

- Q.5** Explain Ayurvedic pharmacopoeia and its role in herbal drug industry. **(07)**
- Q.6** Explain clinical laboratory testing of herbal medicine. **(15)**
- Q.7** Explain application of copyright and GI for herbal drugs. **(15)**
- Q.8** Write notes on **ANY TWO** of the following: **(15)**
- a) Stability testing of herbal drugs
 - b) Monograph of herbal drugs
 - c) Patent search and literature

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