

SUBJECT : ADVANCED PHARMACOGNOSY-II

Day: Tuesday  
Date: 30-11-2021

Time: 02:00 PM-05:00 PM  
Max. Marks: 75

W-20775-2021

N. B.:

- 1) Question 1 and 5 are **COMPULSORY**. Out of remaining questions solve **ANY TWO** questions from each section.
- 2) Answer to both sections should be written in **SEPARATE** answer books.
- 3) Figures to the right indicate **FULL** marks.

SECTION - I

- Q.1** Describe adulteration of herbal drugs. Add note on heavy metal contamination of herbal drugs. [08]
- Q.2** Highlight various Sampling Procedures. Give the significance of determination of foreign matter. [15]
- Q.3** What is Ethanobotany? Comment on role of Ethanopharmacology in Bio-Propecting. [15]
- Q.4** Write short note on **ANY TWO** [15]
- i) Reverse Pharmacology
  - ii) Pesticide residue
  - iii) Herbal drugs vs Conventional drugs

SECTION - II

- Q.5** Explain the microbial contamination in herbs and their formulations. [07]
- Q.6** Discuss analytical profile of *Andrographis paniculata* and *Curcuma longa*. [15]
- Q.7** Illustrate the salient features of OECD guidelines highlight *in vitro* evaluation of anticancer activity. [15]
- Q.8** *In vivo* evaluation for **ANY TWO** activities: [15]
- i) Antiulcer
  - ii) Antidiabetic
  - iii) Cardio protective

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