

Roll No.

Total No. of Pages : 02

Total No. of Questions : 18

Pharm.D (Sem.-2)  
**PHARMACOGNOSY & PHYTOPHARMACEUTICALS**

Subject Code : PD-203T-19

M.Code : 80144

Date of Examination : 08-07-22

Time : 3 Hrs.

Max. Marks : 70

**INSTRUCTIONS TO CANDIDATES :**

1. SECTION-A contain SEVEN questions. Attempt any FIVE questions. Each question will carry TWO marks each.
2. SECTION-B contains EIGHT questions (Short Essay Type). Attempt any SIX questions. Each question will carry FIVE marks.
3. SECTION-C contains THREE questions (Long Essay Type). Attempt any TWO questions. Each question will carry FIFTEEN marks.

**SECTION-A**

**Write briefly :**

- 1) Give two examples of drugs obtained from mineral sources.
- 2) Define Palisade ratio.
- 3) Give the source and use of Honey.
- 4) Who coined the term Pharmacognosy?
- 5) Name four plant pesticides.
- 6) Name some fertilizers used commonly in cultivation process with examples.
- 7) Write the chemical constituent of Bees wax and Agar.

**SECTION-B**

- 8) Give the chemical classification of crude drugs with examples.
- 9) Explain the scope of pharmacognosy.

- 10) Define cultivation. Explain various factors affecting cultivation of medicinal plants.
- 11) Explain the cell wall components and their significance.
- 12) Describe the macroscopy and microscopy of Senna with a note on its adulterants.
- 13) What are fibres? Write in detail about any one plant fibre.
- 14) Write in detail about any two carbohydrate containing drugs.
- 15) Write a note on Plant growth regulators.

### SECTION-C

- 16) Explain in detail about natural pesticides.
- 17) Define and classify Proteins. Write a note on chemistry, method of extraction and method of analysis.
- 18) Explain the different methods of adulteration of crude drugs.

**NOTE : Disclosure of Identity by writing Mobile No. or Marking of passing request on any paper of Answer Sheet will lead to UMC against the Student.**