

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 18

Pharm. D (Sem.-2)
PHARMACOGNOSY & PHYTOPHARMACEUTICALS
Subject Code : 2.3
M.Code : 26516

Time : 3 Hrs.

Max. Marks : 70

INSTRUCTION TO CANDIDATES :

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

SECTION-A

1. What is the difference between botany and pharmacognosy?
2. What is chemotaxonomical classification of crude drugs?
3. What are organized and unorganized drugs?
4. What are the constituents of a plant cell wall?
5. If a sample of black pepper contains papaya seeds, what type of adulteration is this?
6. Explain what type of stomata can help in identification of a powdered plant drug.
7. Give complete sources of 2 bio-pesticides

SECTION-B

8. According to you which method of classification of crude drugs is most suitable?
9. What are the advantages and limitations of natural pesticides?

10. What are fixed oils and volatile oils?
11. What are gums? What are their uses in pharmacy?
12. Why and how do we dry crude drugs?
13. Medicinal plants can be obtained from wild sources as well as cultivated sources. Which is preferable?
14. Write a note on ergastic cell content.
15. Which natural fibres are used for preparing surgical dressings? What are the advantages of using natural fibres?

SECTION-C

16. Describe in detail cultivation, collection and processing of leafy drugs.
17. What is adulteration of crude drugs? What are different methods of detecting adulteration of crude drugs?
18. Discuss the following :
 - a) Importance of microscopy in the identification of crude drugs and their adulterants.
 - b) Commercial use of fixed oils.

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