

16363(D) 0 DEC 2016

B. Pharmacy 1st Semester Examination

Pharmacognosy-I (NS)

BP-115

Time : 3 Hours

Max. Marks : 70

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

SECTION - A

Attempt any two questions.

1. Write in detail about taxonomical property of the family Umbelliferae with examples of plants in it.
2. Give advantages of scientific cultivation over wild sources of crude drugs. Discuss factors affecting cultivation.
3. What is adulteration? Enumerate different methods of adulteration. Give morphological methods of evaluation of drug adulteration. (10×2=20)

SECTION - B

Attempt any eight questions.

4. Write a note on Quantitative Microscopy.
5. Write a note on Bio pesticides.
6. Write a note on Hybridization.
7. Write a note on role of Auxin in plant growth.
8. Write a note on Mutation.

9. Discuss advantages of plant tissue culture as a sources of drugs.
10. Give pharmacological classification of crude drugs.
11. Discuss physico chemical constants used in evaluation of crude drugs.
12. Write a note on animal sources of crude drugs.
13. Taxonomy of Rutaceae family. (5×8=40)

SECTION - C

Attempt all the questions.

14. Give name of four crude drugs of the chemical class Tannins.
15. Give importance of Ethylene in plant physiology.
16. What is Pharmacognosy?
17. Define Bioassay.
18. Give four names of plant anticancer drugs. (2×5=10)