

16426(D)

- 0 DEC 2016

B. Pharmacy (Ayurveda) 3rd Semester Examination

Pharmacognosy of Ayurvedic Drugs-I (CBS)

BPA-302

Time : 3 Hours

Max. Marks : 60

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

Note : Question 9 is compulsory and candidates are required to attempt any four questions out of remaining eight questions.

1. Write a note on:
 - (a) Medicinal plant and mineral biodiversity of Himachal Pradesh.
 - (b) External factor affecting plant cultivation. (10)
2. Answer the following:
 - (a) Explain application and Importance of systemic study of Crude drugs with example.
 - (b) Explain chemical alteration found in crude drug by harvesting, drying, and storage with suitable example. (10)
3. Answer of the followings:
 - (a) Write a note on soxhlation extraction technique with example.
 - (b) Give principle of different extraction techniques. (10)
4. Give definition of Hydrodistillation and give advantages, disadvantages of it and application of Hydrodistillation. (10)

2

16426

5. Give biological source, chemical constituents and uses of isabgola and svetamusli. (10)
6. Give biological source, chemical constituents, uses and organoleptic characteristics of Ashoka and Arjuna. (10)
7. Write detail pharmacognosy of Svarnapatri. (10)
8. Write biological source, chemical constituents, uses and organoleptic characteristics of Digitalis and Brahmi. (10)
9. Answer any ten:
 - (a) Karavira and Yastimadhu are chemically which class of crude drug.
 - (b) Give the name of any two bitter tonic plant drugs.
 - (c) Draw chemical structure of Digitalis and Andrographolide.
 - (d) Chemical constituents of Ajamoda and Nilgiri.
 - (e) Define Crude drug and extract.
 - (f) Give name of solvent use for glycoside extraction.
 - (g) Give identification test for volatile oil.
 - (h) Write biological source of Talispatra and Bilvaphal.
 - (i) Give Identification test of cardiac glycoside.
 - (j) Give any two name of tannin containing crude drugs.
 - (k) Draw chemical structure of Arjunolic acid.
 - (l) Give definition of soil and soil fertility. (10×2=20)