

[Total No. of Questions - 7] [Total No. of Printed Pages - 2]
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B. Pharmacy (Ayurveda) 3rd Semester Examination

Pharmacognosy of Ayurvedic Drugs-I (N.S.)

BPA-322

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.

- Note :** (i) Questions No. 1 is compulsory and attempt any five questions from Questions No. 2 to Question no. 7.
(ii) Total questions attempt by student including Questions No. 1 are Six.

1. Answer any Ten:

- (a) Draw chemical structure of Eugenol and Menthol.
- (b) Give uses and chemical constituents of Kumari.
- (c) Give identification test use for cardiac glycoside.
- (d) Write biological source of Jatamansi.
- (e) How to identify condensed tannin and hydrolysable tannin?
- (f) Give definition of pharmacognosy.
- (g) Characteristics of umbelliferous fruits.
- (h) Give Identification test use for Saponin glycoside.
- (i) Write biological source of Jaiphal.

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- (j) Draw chemical structure of any two flavonoid drug.
- (k) Give principal behind modified borntreger's test.
- (l) How to identify Sugar and Honey? **(2×10=20)**
2. Write a note on:
- (a) Isabgola
- (b) Gaduchi **(5×2=10)**
3. (a) Give biological source, morphology, microscopy, and chemical constituents of Yastimadhu.
- (b) Write detail on classification of crude drugs. **(5×2=10)**
4. Differentiate of followings.
- (a) Differentiate Indian senna and Alex gender senna.
- (b) Differentiate *Digitalis lanata* and *Digitalis purpuria*. **(5×2=10)**
5. Give Pharmacognostic details of following drugs.
- (a) Kantakari
- (b) Manjishta **(5×2=10)**
6. Give detail pharmacognosy on following drugs.
- (a) Nilgiri
- (b) Dhanyaka **(5×2=10)**
7. Write a note on:
- (a) Honey
- (b) Vacha **(5×2=10)**