

[Total No. of Questions - 7] [Total No. of Printed Pages - 2]
(2124)

1731

B. Pharmacy (Ayurveda) 3rd Semester Examination

Pharmacognosy of Ayurvedic Drugs-I (NS)

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 : Questions No. 1 is compulsory and attempt any five questions from Questions No. 2 to Question no. 7.

1. Answer any Ten:

- (a) Draw chemical structure of Glycyrrhetic acid and Sennoside A.
- (b) Give uses of Talispatra and Haritaki.
- (c) Chemical tests use for Flavanoid glycoside identification.
- (d) Give chemical constituents of Bakuchi and Kalmegh.
- (e) Chemical tests use for identification of Honey.
- (f) Give definition of Gum and mucilage.
- (g) Write down controversial sources of Brahmi.
- (h) Give the name of two drugs which contain bitter glycoside.
- (i) Draw chemical structure of cineole and limonene.
- (j) Give biological source of Arishtaka and Mayaphal.

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- (k) Give chemical tests use for Starch identification.
- (l) Chemical and physical Properties of volatile oil.
(2×10=20)
2. Write a note on:
- (a) Bilvaphal
- (b) Svetamusli (5×2=10)
3. (a) Describe detail isolation procedure for Glycoside by stas-otto method.
- (b) Give biological source, chemical constituents and uses of Digitalis (5×2=10)
4. (a) Differentiate Black catechu and Pale catechu.
- (b) Differentiate Bada gokhru and Chota gokhru. (5×2=10)
5. (a) Give biological source, geographical source, microscopy, chemical constituents and uses of Shatavari
- (b) Give biological source, geographical source, morphology, chemical constituents and uses of Atasi. (5×2=10)
6. Give detail pharmacognosy on following drug.
- (a) Palash
- (b) Katuki (5×2=10)
7. (a) Write a brief note on Ashoka bark.
- (b) Give biological source, morphology, chemical constituents and uses of Amrita satva. (5×2=10)
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