

F/2014/1945

Total Pages : 3

FIRST YEAR PHARMACY
PHARMACOGNOSY
(103)

Time : Three Hours**Maximum Marks : 80**

Note : (i) Attempt total *six* questions. Question No.1 is compulsory. From the remaining questions attempt any *five*.

(ii) Illustrate your answer with neat sketches wherever necessary.

1. Write the uses of following drugs any 10. 1 each

- | | |
|----------------|----------------|
| i) Catechu | ii) Castor oil |
| iii) Pectin | iv) Vasaka |
| v) Arjuna | vi) Belladonna |
| vii) Ephedra | viii) Nutmeg |
| ix) Colchicum | x) Dioscorea |
| xi) Asafoetida | xii) Digitalis |

2. a) Write a detail note on shark liver oil.

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(2)

- b) Give the pharmaceutical applications of tannins.
- c) Write Identification test of suture and surgical dressings.
- d) Give the methods of isolation of tannins.

3.5 each

3. Draw a well labeled diagram of T.S. of given drugs with description of various cellular layers.

i) Nux vomica seed

ii) Fennel fruit

7 each

- 4. a) Define pharmacognosy with the scope.
- b) Write name of three glycosides with their family.
- c) Write short note on Aloe.
- d) Differentiate between Gums and resins.

3.5 each

- 5. a) Write the various system of classification of crude drugs. Discuss morphological classification. 7
- b) Discuss various pharmacopoeial standards and their significance. 7

(3)

6. Give the chemical constituents and uses of following drugs. (any four) 3.5 each

- a) Garlic
- b) Gokhru
- c) Rhubarb
- d) Sandal wood
- e) Tulsi

7. Give the biological source, family, chemical constituents and methods of collection and preparation for the market of opium. 14

8. Write short notes on any four of the followings.

3.5 each

- i) Antimalarial drugs
- ii) Antihypertensive drugs
- iii) Terpenoids
- iv) Enzymes
- v) Pharmaceutical aids

