

F/2015/1945

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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 answers with neat sketches wherever necessary.

1. a) Match the following: 5

i) Digitalis lanata a) Antimalarial

ii) Rauwolfia vomitoria b) Purgative

iii) Podophyllum

peltatum

c) Cardiogenic

iv) Cinchona

d) Vasodilation

v) Cassia acutifolia

e) Anticancer

b) Write Biological source and uses of (any Five) 5

i) Ashwagandha

ii) Vinca

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(2)

✓ iii) Guggul

iv) Rauwolfia

✓ v) Colchicum

✓ vi) Senna

2. Attempt all questions.

14

- ✓ a) Classify surgical fibers. Differentiate between absorbent and non absorbent fibre.
- ✓ b) Differentiate between morphological and Taxonomical classification.
- c) Discuss the life cycle of ergot, with its biological source, chemical constituents and uses.
- ✓ d) Write various identification test for drug containing carbohydrate.

3. Attempt any two.

14

- ✓ a) Draw a well labelled diagram of T.S. of clove.
- ✓ b) Discuss the complete pharmacognosy of Aloe.
- c) Write a brief note on terpenoids.

- ✓ 4. Write synonyms, biological source, family, chemical constituents and uses of any four of the following.

14

(3)

- a) Digitalis
- b) Gokhru
- c) Rhubarb
- d) Lanolin
- e) Cardamom

5. Attempt any four of the following: 14

- a) Differentiate between black catechu and pole catechu.
- b) Write biological source, chemical constituents and Identification test for curcuma.
- c) Discuss various identification test for Agar.
- d) Write a brief note on pharmaceutical Aids.
- e) Write a brief note on Benzoin.

6. Attempt any two: 14

- a) Define Glycosides, How are they classified.
- b) Write down the source and preparation of medicinal Castor oil.
- c) Write synonyms, source, family, chemical constituents, adulterants and uses of Ginger.

(4)

7. Attempt any four:

14

- a) Write a note on collection and preparation of opium.
- ✓ b) What are Antipyretics? Write a brief note on Chaulmoogra oil.
- ✓ c) Differentiate between Alexandrian Senna and Indian senna.
- d) Write short note on Bees wax.
- ✓ e) Write short note on Sandalwood.

