

F/2019/1945

# 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. Attempt any five questions.

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a) Give biological source and chemical constituents of *vasaka*.

b) Enlist any four test for Alkaloids.

c) Which part of plant used for these crude drugs

i) *Gokhru*ii) *Picrothiza*

d) Enlist any two uses for each of the following crude drugs.

i) *Aloe*ii) *Ashwagandha*

e) Define cardiotonics with any two examples of crude drug under this class.

f) Give two examples of drugs in each family

i) *Solanaceae*ii) *Umbelliferae*

2. a) Differentiate between volatile oil and fixed oil.

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b) Differentiate between gums and resins.

7

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3. Write short note on any four of the following

14

i) *Lanolin*ii) *Steroidal glycoside*iii) *Ipecac*iv) *Hyoscyamus*v) *Beeswax*

4. Give complex pharmacognostic account on any two drugs

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i) *Kurchi*ii) *Colchicum*iii) *Datura*

5. Write short note on any four of the following

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a) *Pharmaceutical role of plant butter*b) *Biological source and Identification test for papain*c) *Rauwolfia*d) *Nutmeg*e) *Carminatives*

6. a) Write a brief note on Adulteration.

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b) Define laxatives give examples for it. Discuss pharmacology of any two crude drugs under this category.

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7. Draw a neat and labelled diagram of

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a) *Senna*b) *Cinchona bark*

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