

Roll No.

Total No. of Questions : 10]

[Total No. of Pages : 02

B.Pharmacy (Sem. - 1st)

PHARMACOGNOSY - I

SUBJECT CODE : PHM - 1.1.3 (2K9)

Paper ID : [D0146]

[Note : Please fill subject code and paper ID on OMR]

Time : 03 Hours

Maximum Marks : 80

Instruction to Candidates:

- 1) Section - A is **Compulsory**.
- 2) Attempt any **Four** questions from Section - B.
- 3) Attempt any **Three** questions from Section - C.

Section - A

Q1)

(15 × 2 = 30)

- a) What are flavonoids?
- b) Give floral formula of the family Cruciferae.
- c) Give biological sources of two members of family Apocynaceae.
- d) Briefly describe two stem modifications.
- e) What is polyploidy?
- f) Give the source and uses of honey.
- g) Give sources and uses of two marine drugs.
- h) What is adulteration?
- i) What are auxins?
- j) Name two biopesticides.
- k) What is organoleptic evaluation of crude drugs?
- l) Explain the term stomatal index.
- m) What are terpenoids?
- n) Who coined the term 'Pharmacognosy'?
- o) Mention two histological features of a monocot stem.

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P.T.O.

Section - B

(4 × 5 = 20)

- Q2)* Discuss diagnostic features of family Papaveraceae.
- Q3)* What are glycosides?
- Q4)* Write a note on pharmacological classification of crude drugs.
- Q5)* Write a note on microscopic evaluation of crude drugs?
- Q6)* Discuss briefly the importance of plant tissue culture as a source of drugs.

Section - C

(3 × 10 = 30)

- Q7)* What are Gums? Give a detailed account on Gum Tragacanth.
- Q8)* What are fixed oils, fats and waxes? What is the importance of wool fat and bees wax?
- Q9)* What are alkaloids? How can they be classified?
- Q10)* Discuss the factors controlling the quality of medicinal plants.

