

Roll No.

Total No. of Questions : 10]

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[Total No. of Pages : 02

B.Pharmacy (Sem. - 2nd)

PHARMACOGNOSY - II

SUBJECT CODE : PHM - 1.2.2 (2K9 Batch)

Paper ID : [D0143]

[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 Tannins?
- b) Write botanical source and medicinal uses of Balsam of Peru.
- c) Write botanical source and chemical constituents of Ginger.
- d) Write botanical source and chemical constituents of Dill.
- e) Write botanical source and medicinal uses of Myrobalan.
- f) Give structure of Eugenol.
- g) How will you identify Flavonoids?
- h) What are Pharmaceutical Aids?
- i) Differentiate physiological and pathological resins.
- j) What are Natural Colours?
- k) Differentiate Borntrager's test and Modified Borntrager's test.
- l) Differentiate terms extraction, fractionation and isolation.
- m) Write botanical source and uses of Diatomite.
- n) Explain Leibermann Burchard's test.
- o) What is Talc?

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Section - B

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(4 × 5 = 20)

- Q2)** What are Resin and Resin combination? Explain with suitable examples.
- Q3)** Write botanical source, chemical constituents, uses and chemical test of Asafoetida.
- Q4)** Differentiate Pale catechu and Black catechu.
- Q5)** Write a short note on Gelatin.
- Q6)** Write botanical source, method of preparation and test for identity of Wool.

Section - C

(3 × 10 = 30)

- Q7)** What are volatile oils? Explain various methods of extraction of Volatile oil.
- Q8)** How will you prepare extracts? Discuss phytochemical screening procedure for Alkaloids and Saponins.
- Q9)** Give a detailed account on pharmacognosy of Mentha.
- Q10)** Write short notes on:
- (a) Pharmaceutical standards of fibres products.
 - (b) Asbestos.



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