

(This paper consists of 2 pages)

Date: 26-11-2025

D. Pharmacy (Part-I)

3703

D. Pharmacy Part-I (New Scheme) (Main) Examination November 2025

Pharmacognosy

Paper - III

Time: Three Hours

Maximum Marks: 80

Instruction To The Candidate :

1. Do not write anything on the question paper except roll number, otherwise it shall be deemed an act of unfair means and action shall be taken as per rules.
2. Question paper contains three parts (I-III). Each part is compulsory. Read instructions carefully for each part before starting.
3. Attempt parts of each question altogether. Write question number of each part along with

PART - I

Attempt ANY SIX of the following long questions:

(6×5 = 30 marks)

- Q1.** Define crude drugs. Discuss about history and scope of Pharmacognosy in brief.
- Q2.** Write the biological source, chemical constituents, morphological characters and uses of absorbent cotton.
- Q3.** Write about Taxonomical and Biological classification of crude drugs.
- Q4.** Define Adulteration. Write in brief about different methods of adulteration.
- Q5.** Write the biological source, chemical constituents, morphological characters and uses of Cardamom.
- Q6.** Define laxative drugs. Write biological source, chemical constituents and uses of Senna leaf.
- Q7.** Write method of preparation of Churna and Lehya.

(6×3 = 18 marks)

PART-II

(Attempt ALL of the following questions in short answer:)

Q.8—Answer any SIX

- a) Give importance of dietary fibres and Omega-3 fatty acid.
- b) Write identification test of Glycosides.
- c) Define Gutika. Write method of preparation, precaution and marketed formulation.
- d) Give source, chemical constituents, commercial preparation and uses of Ginger.
- e) Write biological source, chemical constituents and uses of Vinca.
- f) Write about Ayurvedic system of medicine.
- g) Write the different methods for isolation of volatile oil.

(4×3 = 12 marks)

Q.9—Answer all questions

- a) Write chemical test for Alkaloids.
- b) Write the difference between Probiotic and Prebiotic.
- c) Give sources of any three herbal cosmetic drugs.
- d) Write biological source, production and uses of wool.

(20×1 = 20 marks)

PART-III

(Attempt ALL of the following questions objective questions)

Q.10 — Answer in one word or one sentence.

- a) Who coined the term Unorganized drugs?
- b) What is the function of Stomata?
- c) Write the uses of Colchicum.
- d) Name the chemical tests used for Pale catechu.
- e) Fennel belongs to family _____.
- f) Digitalis is used as a _____.
- g) Source of Aloe is _____.

Q.11 — Answer in one word or one sentence.

- a) Tulsi is mainly used as _____.
- b) Write the botanical name of plant which are used to treat hypertension. _____
- c) Goldbeater skin test is used for _____.
- d) Write botanical name of Jesuit's Bark.
- e) Eugenol is obtained from _____.
- f) Silk fibres obtained from _____.

Q.12 — Answer in one word or one sentence.

- a) Sarpagandha is the synonym of _____.
- b) Name the drug that is the source of Papain.
- c) Define Sutures.
- d) Guggal is used as _____.
- e) Give example of two diuretic drugs.
- f) Gelatin is obtained from _____.