

10-01-2024

D.Pharma. (Part-I)

3703

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Diploma in Pharmacy Part-I (New Scheme) (Main) Examination

January - 2024

PHARMACOGNOSY

Paper III

Time: Three Hours

Maximum Marks: 80

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1. Do not write anything on question paper except roll number, otherwise it shall be deemed as an act of including in unfair means and action shall be taken as per rules.
2. Question paper contain 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 it.

(This paper contains TWO pages)

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Part I

Attempt ANY SIX out of following questions long questions.

06 x 05 = 30

1. Discuss classification of drugs with suitable example.
2. Discuss various methods of adulteration of crude drugs.
3. Give biological source, chemical constituents and therapeutic efficacy of digitalis.
4. Discuss silk as surgical dressing.
5. Discuss methods of preparation of Bhasmas.
6. Write a brief note on herbal formulations.
7. Discuss Spirulina as health food along with its therapeutic applications.

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Part II

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Attempt ALL of the following questions in short answer.

8. Attempt any SIX questions.

06 x 03 = 18

- a) Discuss identification test for alkaloids.
- b) Give source, chemical constituents and commercial preparation of Aloe Vera gel.
- c) Give therapeutic applications of garlic.
- d) Discuss role of any two medicinal and aromatic plants in national economy along with their export potential.
- e) Discuss basic principles of Homeopathy.
- f) Discuss biological source and chemical constituent of Guggul.
- g) Write a note on isolation of tannins.

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9. Answer ALL questions.

- Give biological source and applications of Agar.
- Discuss therapeutic efficacy of Tulsi along with source.
- Write a note on chemical composition of opium.
- Discuss therapeutic efficacy of Ergot along with its source.

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Part III

Attempt ALL of the following objective questions.

07 x 01 = 07

10. Answer in one sentence.

- Define alkaloids. <https://pharmacyindia.co.in/>
- Define Asavas.
- What is the use of Cinchona?
- Define pharmacognosy.
- Give biological source of Ipecacuanha along with its family.
- Give biological source of crude drug which contain eugenol and used in treating tooth ache along with its family. <https://pharmacyindia.co.in/>
- Give biological source of myrobalan along with its family.

11. Answer in one word. <https://pharmacyindia.co.in/>

07 x 01 = 07

- Name the vitamin found in cod liver oil.
- Write name of any one herbal drug used as oxytocic.
- Write any one use of Ashwagandha.
- Write any one use of Gymnema.
- Write any one use of Isapgol.
- Give family of Colchicum. <https://pharmacyindia.co.in/>
- Write any one use of Turmeric.



12. Fill in the blanks.

06 x 01 = 06

- Glycosides are the compounds having part along with glycine part.
- Powder formulation used in Ayurvedic system of medicine is
- Vinca is used for treating
- Senosides are the active ingredients of senna responsible for its..... activity. <https://pharmacyindia.co.in/>
- Enflurage is the method used to isolatefrom crude drugs.
- Crude drug used to prepare capsule shells is

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