

05-01-2024

3701

D.Pharma. (Part-I)

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

January- 2024

PHARMACEUTICS

Paper-I

Time: Three Hours

Maximum Marks: 80

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)

Part I

Attempt ANY SIX out of following questions long questions.

06 x 05 = 30

1. Discuss pharmacopoeia with salient features of Indian pharmacopoeia.
2. Write a note on packaging materials and discuss on glass used as packaging materials.
3. Discuss principle and working of Hammer mill.
4. Write about various modified tablets.
5. Write a note on Novel Drug Delivery System.
6. Discuss about quality control and quality assurance.
7. Discuss methods of preparation of Emulsion.

Part II

Attempt ALL of the following questions in short answer.

8. Attempt any SIX questions.

06 x 03 = 18

- a) Write a note on organoleptic agents.
 - b) Differentiate hard and soft gelatin capsules.
 - c) Write a note on immunological products.
 - d) Discuss ointment bases.
 - e) Write a note on suppositories.
 - f) Differentiate cream and paste.
 - g) Differentiate syrup and elixirs.
9. Answer ALL questions.

04 x 03 = 12

- a) Liniment and lotion
- b) Sterile formulation
- c) Brief history of pharmacy education
- d) Pharmacy as a career

Part III

Attempt ALL of the following questions.

10. Answer in one word or one sentence.

07 x 01 = 07

- a) Name of two equipments used for drying.
- b) Name of two equipments used for filtration.
- c) Name of two equipments used for mixing.
- d) Full form of BP and USP.
- e) Name of four materials used for packaging of pharmaceutical products.
- f) Write two examples used as coloring agents in pharmaceutical products.
- g) Write principle of working of Ball mill.

11. Answer in one sentence.

07 x 01 = 07

- a) Write name of two tests used for identification of emulsions.
- b) Write two examples of semisolid dosage form.
- c) Write two examples of sterile formulations.
- d) What is mode of administration of suppositories?
- e) Define preservatives.
- f) Write only name of any four tests for evaluation of tablets.
- g) What is NF?

12. Answer in one sentence.

06 x 1 = 06

- a) Define suspension in one line.
- b) Give two examples of Novel Drug Delivery System.
- c) Define topical preparations.
- d) Define pessaries.
- e) Define toxoids.
- f) Write full form of cGMP.