

24-12-2022

3702

D.Pharma. (Part-I)

Diploma in Pharmacy Part I (New Scheme) (Main) Examination
December-2022

PHARMACOLOGY

Paper-III

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 - 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. Definition, history and scope of pharmacognosy.
2. Write about Morphological and pharmacological classification of drugs with merit & demerit.
3. Define evaluation. Write in brief about microscopical method of evaluation.
4. Write the difference between antiseptic and disinfectants with examples.
5. Define cardiotonic. Write biological source, chemical constituents and uses of digitalis.
6. Role of medicinal and aromatic plants in national economy.
7. Write principle, method of preparation of Ayurvedic formulation like gutika and asava.

Part II

Attempt ALL of the following questions in short answer.

8. Attempt any SIX questions.

06 x 03 = 18

- a) Write difference between probiotics and prebiotics.
- b) Write the different methods of extraction.
- c) Define churna. Write the method of preparation, precaution and marketed formulation.
- d) Give source. Chemical constituents, commercial preparation uses of Aloe.
- e) Write biological source, chemical constituents and uses of cinchona.
- f) Write about ayurvedic system of medicine.
- g) Write the different methods for Isolation of volatile oils.

9. Answer ALL questions

04 x 03 = 12

- Write chemical test for alkaloids.
- Write the difference between black catechu and pale catechu.
- What are herbal tablets? List out their advantage and disadvantages.
- Write biological source, production and uses of cotton.

Part III

Attempt ALL of the following objective questions.

10. Answer in one word or one sentence.

07 x 01 = 07

- Who coined the term pharmacognosy?
- What is the function of stomata?
- Write the uses of myrobalan.
- Name the chemical test which are used for Senna.
- Clove belongs to family.....
- Quinidine is used as a
- In Indian pharmacopoeia, drugs are classified as

11. Answer in one word or one sentence.

07 x 01 = 07

- Vasaka is mainly used as.
- Write the botanical name of plant which are used in Hodgkin's disease.
- Goldbeater skin test is used for.
- Write botanical name of Ashwagandha.
- Quinine is obtained from.
- Turmeric possesses saffron colour due to presence of.
- Silk fibres obtained from.

12. Answer in one word or one sentence.

06 x 01 = 06

- Fox gloves leaves is the synonym of
- Name the drug having synonyms of puncture vine
- Name of fibres which is used for making parachutes, ropes and sleeping bags
- Enzymes are made up of
- Colour, odour and taste of the drug belong to which type of evaluation method
- Belladonna belongs to family