

F/2023/8103

Visit: <https://pharmacyindia.co.in> Total Pages : 2

Visit: <https://pharmacyindia.co.in>

**First Year Pharmacy  
PHARMACOGNOSY  
(ER20-13T)**

**Time : Three Hours**

**Maximum Marks : 80**

**Note :** i) Attempt any five questions.

ii) All questions carry equal marks.

1. Attempt any two.

- What are fibers? Write the classification of fibers.
- Define the following terms :
  - Vein islet number
  - Refractive index
  - Stomatal index
  - Optical rotation
- Define the tannin and give the classification and identification test for tannin.

2. Attempt any two.

- Write in detail about the phytochemical test used for glycosides and carbohydrates.
- Give a detailed account on herbal formulation.
- Write the biological source, chemical constituents and therapeutic uses of
  - Digitalis
  - Senna

3. Write short note on : (Any four)

- Therapeutic application of Nutraceuticals.
- Resins and resin combination.
- Sandal wood oil
- Scope of pharmacognosy
- Macroscopic and microscopic character of fennel.

4. Attempt any two.

- Define evaluation of crude drugs. Discuss in detail physical evaluation.
- Define the following terms:
  - Admixture
  - Sophistication
  - Deterioration
  - Spoilage
- Write uses of Churna, Bhasma and Lehya.

5. Attempt any two.

- Differentiate between the following :
  - Volatile and fixed oils
  - Organized and unorganized drugs
- Name methods for classification of natural drugs. Discuss in detail pharmacological classification with an example.
- Give a brief account on phytochemical investigation of drugs.

6. Write short note on any four with an example.

- Pharmaceutical aids <https://www.rgpvonline.com>
- Anti-hypertensives
- Cardio tonic
- Vitamins
- Anti-dysenteric

7. Attempt any two.

- Write a brief note on methods of adulteration of crude drugs.
- What are sutures? Write a note on surgical catgut.
- Write the therapeutic applications of probiotics and prebiotics.

8. Attempt any two.

- Write therapeutic and cosmetic uses of Olive oil, Aloe Vera gel.
- Write a note on Ashwagandha and Tulsi.
- What are the basic principles involved in the traditional systems of medicine like Homeopathy.

F/2023/8103

P.T.O.

F/2023/8103