

**GOVERNMENT OF KARNATAKA
BOARD OF EXAMINING AUTHORITY
D.Pharm Part-1 Examination (ER-2020) - January-2023**

PHARMACOGNOSY

Time: 3 Hours

Max marks: 80 M

Note: i) Answer 6 questions from section A, 10 questions from section B and all questions from section C.

ii) Draw diagram wherever necessary.

iii) Answer to the point for objective type.

SECTION -A

Long Essay (Answer any six)

6x5=30 M

1. Define Adulteration of crude drugs. Explain any four types or methods of adulteration with suitable examples.
2. Write the historical development and present status of Pharmacognosy.
3. Write the Biological source, Chemical constituents and therapeutical uses of drug each belonging to a) Acanthaceae b) Myrtaceae.
4. Define Glycosides. Write the general methods of isolation of Glycosides.
5. Write the basic principle involved in Homeopathic system of Medicine.
6. Enumerate the classification of crude drugs. Explain chemotaxonomical classification.
7. Define Cardiotonics. Write the Biological source, Chemical constituents of drugs used as cardiotonics.

SECTION -B

Short Essay (Answer any Ten)

10x3=30M

8. Write the method of preparation of Asava and Bhasma.
9. Write the general chemical tests of Alkaloids.
10. Differentiate Plant and Animal fibres.
11. Write the Alphabetical classification of crude drugs with merits and demerits.
12. Write in brief about chemical evaluation of crude drugs.
13. Give the source, Chemical constituents, cosmetic uses and commercial preparation of Aloe vera gel.
14. Write the various herbs containing omega -3- fatty acids and give its therapeutic applications.
15. Write the export potential of medicinal and aromatic plants.
16. Write the chemical constituents and therapeutic uses of a) Ephedra b) Gokhru c) Vinca.
17. Define Herbal formulations. Classify different herbal formulations with examples.
18. Define Pharmaceutical aids. Write any two chemical tests for Agar.

SECTION -C

Objective type (Answer all questions)

20x1=20M

19. Define evaluation of crude drugs.
20. Define Volatile oils.
21. Name any two antioxidants.
22. Define Stomatal number.
23. Give the Biological source for senna.
24. Write the chemical constituents and uses of Sandalwood oil.
25. Define Pharmacognosy.
26. What is Pharmacological classification?
27. Name any one antidiabetic drug and write its chemical constituents.
28. What is surgical catgut?
29. Name any two distinction tests between Black catechu and Pale catechu.
30. What are Nutraceuticals?
31. _____ is the family of Asafoetida.
32. Cinchona is used as _____ and _____
33. _____ is an example for antihypertensive drug and belongs to _____ family.
34. _____ is the shape of Cinnamon Bark.
35. Match the following

A

1. Disc shape of Nuxvomica seeds.
2. Anti-dysenteric.
3. Keller Killiani test.
4. Unani medicine.

B

- a) Hippocrates.
- b) Charaka.
- c) Organoleptic evaluation.
- d) Ergot.
- e) Ipecac.
- f) Digitalis.
