

Pharmacognosy Most Important Questions

D.Pharma 1st year

Syllabus & Questions

D.Pharma 1st year Most Important Questions

Chapter-1

- Definition, history, present status and scope of Pharmacognosy

Important Questions:

- Who is the father of pharmacognosy?
- What is the scope of pharmacognosy?
- What is the definition of pharmacognosy?

Chapter: 2

Classification of drugs:

- Alphabetical
- Taxonomical
- Morphological
- Pharmacological
- Chemical
- Chemo-taxonomical

Important Questions:

- What is alphabetical classification of drugs?
- What is different between Organized and Unorganized drugs?
- What is Pharmacological Classification?
- What is Chemo-taxonomical?

Chapter: 3

Quality control of crude drugs | Adulteration | Evaluation of crude drugs

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Important Questions:

- What are the quality control method of crude drugs?
- How do you identify crude drugs?
- Define Adulteration?
- What is Evaluation of crude drugs

Chapter: 4

Brief outline of occurrence, distribution, isolation, identification tests, therapeutic activity and pharmaceutical applications of alkaloids, terpenoids, glycosides, volatile oils, tannins and resins.

Important Questions:

- What are terpenoids, and where are they commonly found in nature?
- What are some identification tests for alkaloids?
- What are the sources of alkaloids, and how are they distributed in nature?
- Define volatile oils and outline their occurrence and distribution.
- How are volatile oils isolated?
- What are volatile oils?
- What are resins?
- Write the short Note on **alkaloids, glycosides, volatile oils.**
- Classify Glycosides
- Write the 2 main Identification test of Glycosides

Chapter-5

Brief outline of occurrence, distribution, isolation, identification tests, therapeutic activity and pharmaceutical applications of alkaloids, terpenoids, glycosides, volatile oils, tannins and resins.

- **Laxative:** Aloe, Castor Oil, Ispaghula, Senna
- **Caediotonic:** Digitalis, Arjuna,
- **Carminatives and G.I. regulators:** Coriander, Fennel, Cardamom, Ginger, Clove, Black Pepper, Asafoetida, Nutmeg, Cinnamon,
- **Astringents & Myrobalan Black:** Catechu,
- **Drugs Acting on Nervous System:** Hyoscyamus, Belladonna, Ephedra, Opium, Tea Leaves, Coffee Seeds, Coca,
- **Anti-Hypertensive:** Rauwolfia,
- **Anti-Tussive:** Vasaka, Tolu Balam,
- **Anti-Rheumatics:** Colchicum Seeds,
- **Anti-Tumour:** Vinca, Podophyllum
- **Antidiabetics:** Pterocarpus, Gymnema,
- **Diuretics:** Gokhru, Punarnava,
- **Anti-Dysenteric:** Ipecacuanha,
- **Antiseptic & Disinfectants:** Benzoin, Myrrh, Neem, Turmeric,
- **Antimalarials:** Cinchona, Artemisia,

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- **Oxytocic: Ergot**
- **Vitamins: Cod Liver Oil, Shark Liver Oil,**
- **Enzymes: Papaya, Diastase, Pancreatin, Yeast,**
- **Pharmaceutical Aids: Kaolin, Lanolin, Beeswax, Acacia, Tragacanth, Sodium alginate, Agar, Guar gum, Gelatine,**
- **Miscellaneous: Squill, Galls, Pale Catechu, Ashwagandha, Vasaka, Tulsi, Guggul,**

Important Questions:

- Define Laxative.
- Describe the diuretic actions of Gokhru and Punarnava.
- Discuss the sources and importance of vitamins like Cod Liver Oil and Shark Liver Oil.
- Explain the antimalarial properties of Cinchona and Artemisia.
- Write the Short note on Anti-Tussive.
- What are the therapeutic and pharmaceutical applications of alkaloids?
- What is the Biological Name of Vinca, Rauwolfia, Ashwagandha, Neem
- What is Astringents?
- Write definition, identification tests, therapeutic activity and pharmaceutical applications of
 - Caediotonic,
 - Antidiabetics
 - Antiseptics and disinfectant
 - Carminatives and G.I. Regulators

Chapter:6

Plant fibres used as surgical dressings: Cotton, silk, wool and regenerated fibres Sutures – Surgical Catgut and Ligatures

Important Questions:

- What fabric is used for surgical dressing?
- What is Classification of Surgical Dressing
- What Short note on Cotton, silk,
- Write preparation of Silk.
- Write Synonyms, Uses of Rayon, Wool, Silk
- What is the uses of Surgical Catgut, Ligatures.

Chapter:7

- **Basic principles involved in the traditional systems of medicine like: Ayurveda, Siddha, Unani and Homeopathy.**
- **Method of preparation of Ayurvedic formulations like: Arista, Asava, Gutika, Taila, Churna, Lehya and Bhasma.**

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Important Questions:

- What are the basic principles involved in the traditional system of medicine Ayurveda?
- What are the basic principles involved in Ayush?
- What is the basic concept of Ayurvedic system of medicine?
- Write the Short note on Traditional systems of Medicine
- Write the Method of preparation of Ayurvedic formulation like Churna, Bhasma and Arista

Chapter:8

- **Role of medicinal and aromatic plants in national economy and their export potential**

Important Questions:

- What is the role of medicinal plant and aromatic plant?
- What are the importance of medicinal and aromatic plants?
- Describe How medicinal and aromatic plant help in the Future economic growth.

Chapter:9

Herbs as health food:

- **Brief introduction and therapeutic applications of: Nutraceuticals, Antioxidants, Pro-biotics, Pre-biotics, Dietary fibres, Omega-3-fatty acids, Spirulina, Carotenoids, Soya and Garlic**

Important Questions:

- Define Nutraceuticals
- What is Antioxidants,
- Define Probiotics
- Write biological source of dietary fibers
- Write synonyms of Garlic.

Chapter:10

- **Herbal cosmetics Sources, chemical constituents, commercial preparations, therapeutic and cosmetic uses of: Aloe vera gel, Almond oil, Lavender oil, Olive oil, Rosemary oil, Sandal Wood oil Pharmacognosy**

Important Questions:

- What are the chemical constituents of herbal cosmetics?
- What are the uses of herbal cosmetics?
- Write any 3 Commercial preparation of Aloe vera gel, Sandal Wood oil, **Almond oil, Lavender oil, Olive oil, Rosemary oil**

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Chapter:11

- Phytochemical investigation of drugs

Important Questions:

- What is Phytochemical investigation of drugs and describe their process

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