



SS INSTITUTE OF PHARMACY

(A unit of VS Educational & Charitable Trust)

Approved by Tamilnadu Government & Pharmacy Council of India, New Delhi.

Affiliated to the Tamilnadu Dr. M.G.R. Medical University, and

The Directorate of Medical Education, Chennai.

HERBAL DRUG TECHNOLOGY QUESTION BANK

NH-544, Kuppanur (Po), Sankari (Tk), Salem(Dt) – 637301, Tamilnadu, India

Phone : 04283 241080 | E-mail : ssip1718@gmail.com | Website : www.ssip.edu.in



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UNIT-I

10 MARKS QUESTIONS

1. Explain bio-dynamic agriculture and write a short note on GAP.
2. Elaborate the basic principle involved in Ayurveda.
3. Explain the principle, diagnosis and methods of treatment in Siddha, and Homoeopathy system of Medicine.

5 MARKS QUESTIONS

1. Discuss advantage and disadvantage of herbal pesticide
2. Explain different methods involved in preparation of herbal extracts
3. Define bhasma. Write it's method of preparation
4. Write a short note on bio pesticide/ insecticide
5. Write down the different source of herbal medicine along with suitable example
6. Explain the methods of preparation and standardisation of aristas
7. Processing of herbal raw material.
8. Preparation and Standardization of Lehya.
9. Importance of organic farming.

2 MARKS QUESTIONS

1. Define herb and herbal medicine
2. Write basic principle of ayurvedic system of medicine
3. Define churna with example
4. Define pest and pesticide
5. Define herb
6. Explain bio-pesticide with suitable example
7. Define lehya
8. Define herbal drug preparation.
9. What is law of similars?
10. Write various types of Extracts & their Drying methods.

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UNIT-2

10 MARKS QUESTIONS

1. Define nutraceuticals and its classification. Explain health benefits and role of nutraceuticals in diabetes and cancer.
2. Explain in detail about the herb – drug and herb – food interactions.

5 MARKS QUESTIONS

1. Discuss side effects and interactions of kava-kava and ginkgobiloba
2. Write a short note on ashwagandha and ginger as health food
3. Define herb food interaction. Discuss the side effects and interactions of ginseng
4. Honey as health food.
5. Explain Garlic & Amla as Health food.
6. The side effect and interaction of Pepper and Ephedra
7. The health benefits and role of nutraceuticals in CVS Diseases.
8. Describe the possible side effects and interactions of hypericum and kava-kava.

2 MARKS QUESTIONS

1. Define nutraceuticals
2. What is drug-food interactions?
3. Give biological source and adverse effect of ephedra
4. Give importance of amla as health food
5. Give biological source and importance of ginger and garlic
6. Give the sources and two health benefits of ALFA ALFA.
7. Write sources and two health benefits of chicory.
8. What is Kava – Kava?
9. Give the drug interactions of Garlic.
10. Write briefly on functional foods.
11. Write the sources and health benefits of Fenugreek.
12. Mention two herbs used in the treatment of irritable bowel syndrome.
13. Differentiate the prebiotics from probiotics.

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UNIT-3

10 MARKS QUESTIONS

1. Explain herbal excipients. Write its significance. Mention the role of diluent and viscosity builders
2. Define Novel drug delivery system. Write in detail about phytosomes with neat diagram and its application.
3. Give a detail account on raw materials of herbal origin used in hair care products.
4. Write different herbal liquid formulations. Give a detailed account on preparation standardization and preservation of herbal syrups.

5 MARKS QUESTIONS

1. Give a detailed note on anti-oxidant and protective agents
2. Give the importance of sweetener as excipient along with example
3. Write a short note on herb used for skin care
4. Preparation of Herbal Tablets.
5. Natural colourants.
6. Write note on Herbal Skin care products.
7. The general herbal ingredients of Herbal Shampoos.
8. Note on bleaching agent in herbal cosmetics.
9. Write the Characteristics of Hair dyes.
10. Write a note on Bleaching agent in herbal cosmetics.

2 MARKS QUESTIONS

1. Define herbal cosmetics
2. Name any 2 herbal cosmetics
3. What is the role of flavors and perfumes as a excipient?
4. Define herbal formulation
5. Mention two herbs used in Oral Hygiene products.
6. Give the examples for diluents of natural origin.

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7. Write briefly on natural perfumes with examples.
8. Write ideal properties of Hair colours.
9. Name some fixed oil used in herbal cosmetics.
10. Give two examples and role of herbs in dental care.
11. Source of Clove oil and Sandalwood oil.
12. Define mixtures.
13. Write briefly on disintegrants and flavoring agents.

UNIT-4

10 MARKS QUESTIONS

1. Write down the WHO guidelines for the assessment of herbal drugs. Write down the present scope and future prospects of herbal drug industry
2. Discuss in detail about the stability testing of herbal drug
3. Write in detail about ASU-DTAB and ASU- DCC.
4. Describe the ICH Guidelines for assessment of Herbal Drugs.
5. Write about regulatory aspects of Pharmaceuticals and bulk drug manufacturing.

5 MARKS QUESTIONS

1. Explain bio-prospecting and biopiracy
2. Give an account on patent medicine
3. Write a short note on regulatory issues
4. Write down the schedule Z of drugs and cosmetics act for ASU drugs
5. Give ICH guideline for stability testing of herbal drug
6. Give a short note on case study of curcuma
7. Case study of NEEM.
8. Write the list of Indian herbs patents.
9. Explain Breeders right.
10. Write the list of Indian herbs patents.

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2 MARKS QUESTIONS

1. Explain term patent
2. Define IPR and enumerate its compounds
3. Define biopiracy
4. Define bio-prospecting
5. Define Intellectual Property Rights.
6. What is Bioprospecting?
7. Write briefly on Farmers right.
8. IPR
9. Write similarities between plant Breeder's right and Farmer's right.
10. Write DTAB regulations.

UNIT-5

10 MARKS QUESTIONS

1. Write down component & objective of GMP & describe the regulatory requirements of herbal industries with respect to infrastructure and quality control
2. Write a detailed note on objectives and components of GMP
3. Discuss in detail the plant based industries and institutions involved in work on medicinal and aromatic plants in India.

5 MARKS QUESTIONS

1. Give detailed note on present scopes and future prospects of herbal drug industry
2. Components of Good Manufacturing Practice as per Schedule-T.
3. Documents and Records of herbal drug industry as per Good Manufacturing Practice.
4. Write note on Industry – academia inter relation.

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2 MARKS QUESTIONS

1. What is schedule T ?
2. Name the components of GMP.
3. What is master formula record?
4. Define Good Manufacturing Practice (GMP).
5. List any two infrastructural requirements for GMP compliance.
6. List any two infrastructural requirements for GMP compliance.
7. What is the importance of working space in a GMP-compliant facility?
8. Mention two functions of the storage area in GMP.
9. Write any two examples of documentation required under Schedule T.
10. Why is health and hygiene important in GMP?
11. Name any two types of records maintained under GMP.
12. List any two types of equipment used in manufacturing of ISM drugs.

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