



Paper ID : 250387

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Subject Code: BP806ET

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BPHARM**(SEM VIII) THEORY EXAMINATION 2024-25****QUALITY CONTROL AND STANDARDIZATION OF HERBAL****TIME: 3 HRS****M.MARKS: 75****Note:** 1. Attempt all Sections. If require any missing data; then choose suitably.**SECTION A****1. Attempt all questions in brief.****10 x 2 = 20**

a.	What are the goals of GAP?
b.	Outline the objectives of ICH.
c.	Give the formula for the Lycopodium spore method.
d.	Explain the acute toxicity test.
e.	Outline the significance of GACP.
f.	Briefly describe the main principles and importance of HPTLC in the fingerprinting of herbal drugs.
g.	Write about the standardization of herbal drugs.
h.	Explain chromatographic fingerprinting.
i.	Explain finished and processed herbs according to WHO guidelines.
j.	Explain the new drug application.

SECTION B**2. Attempt any two parts of the following:****2 x 10 = 20**

a.	Discuss GMP in detail.
b.	Explain in brief the cGMP for herbal medications.
c.	Discuss about new drug application document preparation.

SECTION C**3. Attempt any five parts of the following:****7 x 5 = 35**

a.	Give a detailed discussion on the long-term toxicity assessment.
b.	Explain the essential standards and importance of conducting stability testing for herbal medicines.
c.	Discuss the research guidelines for assessing the safety and effectiveness of herbal remedies.
d.	Provide a brief overview of biological markers in the standardization process of herbal products.
e.	What is the fundamental concept of standardization? Describe how HPTLC can be utilized as a technique for standardization.
f.	Sumarise good agriculture practices of herbal drugs.
g.	Describe the GMP requirements for herbal products?