



Sessional II (Even) Semester Examination, May 2025

Roll no.....

Name of the Course and semester: B.Pharm. VI

Name of the Paper: Herbal Drug Technology

Paper Code: BP 603 T

Time: 1.5-hour

Maximum Marks: 30

Note:

- (i) This question paper contains three sections.
- (ii) All the questions are compulsory.

Section-A

Q1. Multiple Choice Questions – Attempt all questions

(10 X 1 = 10 Mark)

- a) Which of the following is a natural sweetener commonly used as a herbal excipient?
 - i. Stevia
 - ii. Magnesium stearate
 - iii. Talc
 - iv. Sodium benzoate(CO3)

- b) Acacia is primarily used as which type of excipient in herbal formulations? (CO3)
 - i. Disintegrant
 - ii. Colorant
 - iii. Binder
 - iv. Preservative

- c) Which natural substance is often used as a viscosity builder in syrups? (CO3)
 - i. Xanthan gum
 - ii. Menthol
 - iii. Citric acid
 - iv. Pectin

- d) Which of the following is a natural colorant derived from plants? (CO3)
 - i. Erythrosine
 - ii. Curcumin
 - iii. Tartrazine
 - iv. Brilliant blue

- e) Phytosomes are best described as: (CO3)
 - i. A type of syrup formulation
 - ii. A novel dosage form for enhancing herbal drug bioavailability
 - iii. A herbal disintegrant
 - iv. A traditional tablet

- f) ICH stands for: (CO4)
- i. International Council for Herbalism
 - ii. International Council for Harmonisation
 - iii. Indian Council for Homeopathy
 - iv. International Community of Herbs
- g) Stability testing of herbal drugs is important for determining: (CO4)
- i. Marketing value
 - ii. Shelf life and storage conditions
 - iii. Taste and color only
 - iv. Advertising potential
- h) According to WHO, herbal drugs should be evaluated for: (CO4)
- i. Only clinical efficacy
 - ii. Only stability
 - iii. Quality control, toxicology, and clinical trials
 - iv. Label attractiveness
- i) ICH Q1A guideline is associated with: (CO4)
- i. Toxicological testing
 - ii. Clinical trial design
 - iii. Stability testing of new drug substances and products
 - iv. Pharmacopoeial standards
- j) Photostability testing evaluates the effect of: (CO4)
- i. Temperature
 - ii. Humidity
 - iii. Light exposure
 - iv. Mechanical stress

Section B

Q. 2 Short Questions: Attempt any two questions (2X 5 = 10 Marks)

- a. Discuss the role of natural gums and colors in skin care products with examples.(CO3)
- b. Enumerate the WHO guidelines for the assessment of herbal drugs. (CO4)
- c. What are the basic regulatory requirements for manufacturing ASU drugs in India? (CO4)

Section C

Q. 3 Long questions: Attempt any one question (1X10 = 10 Marks)

- a. Define herbal excipients and discuss their significance with appropriate examples. (CO3)
- b. Explain the ICH guidelines for stability testing of herbal formulations. (CO4)