

**PHB Education**  
**Sample Paper-1**  
**Session: 2024–25**  
**Course: D. Pharm Ist Year**  
**Subject: Pharmacognosy**  
**Exam: 3<sup>rd</sup> Sessional Question Paper-1**

**Attempt all the questions:**

**(Section: A)**

**Q. A Multiple Choice Questions:**

**[5]**

**1. The term 'Pharmacognosy' was coined by:**

- |                 |                         |
|-----------------|-------------------------|
| a) R. N. Chopra | b) Pedanius Dioscorides |
| c) C.A Seydler  | d) Alexander Flemming   |

**2. Which of the following is an unorganised drug?**

- |           |               |
|-----------|---------------|
| a) Vinca  | b) Arjuna     |
| c) Nutmeg | d) Asafoetida |

**3. Which of the following crude drug contains alkaloid?**

- |           |               |
|-----------|---------------|
| a) Ginger | b) Belladonna |
| c) Senna  | d) Gelatin    |

**4. Which of the following is diuretic?**

- |              |                |
|--------------|----------------|
| a) Punarnava | b) Ipecacuanha |
| c) Ephedra   | d) Vasaka      |

**5. Who coined the term 'Nutraceutical'?**

- |                    |                     |
|--------------------|---------------------|
| a) Stephen Hawking | b) Stephen Defelice |
| c) Stephen Fleming | d) Stephen King     |

**Q.B Fill in the blanks:**

**[5]**

1. Substitution using exhausted drugs is a type of \_\_\_\_\_ adulteration.
2. \_\_\_\_\_ is a class of drugs which are used to treat high blood pressure.
3. \_\_\_\_\_ are a combination of living beneficial bacteria and yeasts that naturally live in our body.
4. Absorbent cotton is the epidermal hairs of the seeds of species of \_\_\_\_\_.
5. Cinchona is an \_\_\_\_\_ drug.

**(Section: B)**

**Q. C Short Answer Type Questions: (Attempt any five)**

**[5 × 3 = 15]**

1. Write in short note on any two of the following.
  - a) Senna
  - b) Vinca
  - c) Turmeric
2. Write the therapeutic and cosmetic uses of any two of the following.
  - a) Sandalwood Oil
  - b) Aloevera gel
  - c) Olive Oil
3. Explain any two of the following:
  - a) Nutraceuticals
  - b) Dietary fibres
  - c) Omega-3 fatty acids
4. Write in short note on any two of the following.
  - a) Organised and Unorganised drugs
  - b) Chromatography
  - c) Tannins
5. Write a short note on Pharmacological system of drug.
6. Describe any four methods of adulteration with suitable Example.

**(Section: C)**

**Q. D Long Answer Type Questions: (Attempt any three)**

**[5 × 3 = 15]**

1. Define pharmacognosy. Discuss the scope of pharmacognosy.
2. Describe in short the various systems of classification of crude drugs.
3. Name the various methods of evaluation of crude drugs. Mention the organoleptic evaluation.
4. What are alkaloids? Write about the distribution and tests of identification of alkaloids.

**PHB Education**  
**Sample Paper-2**  
**Session: 2024–25**  
**Course: D. Pharm Ist Year**  
**Subject: Pharmacognosy**  
**Exam: 3<sup>rd</sup>Sessional Question Paper-2**

**Attempt all the questions:**

**(Section: A)**

**Q. A Multiple Choice Questions:**

**[5]**

**1. The main chemical constituent of Garlic is.**

- |               |             |
|---------------|-------------|
| a) Colchicine | b) Vasicine |
| c) Myristicin | d) Allicin  |

**2. Which of the following is not an Ayurvedic formulation?**

- |           |           |
|-----------|-----------|
| a) Asava  | b) Cream  |
| c) Bhasma | d) Gutika |

**3. Which of the following is an organised drug?**

- |           |            |
|-----------|------------|
| a) Acacia | b) Benzoin |
| c) Ginger | d) Opium   |

**4. Who is the father of Homeopathy?**

- |                        |                     |
|------------------------|---------------------|
| a) Dhanvantari         | b) Hakim Ajmal Khan |
| c) Ghiya Suddin Balban | d) Samuel Hahnemann |

**5. Sterile threads used to tie up a blood vessel are known as:**

- |                       |                      |
|-----------------------|----------------------|
| a) Ligatures          | b) Sutures           |
| c) Surgical Dressings | d) None of the these |

**Q. B Fill in the blank questions:**

**[5]**

1. Goldbeater's skin test is done for the identification of \_\_\_\_\_.
2. Tea leaves are obtained from the plant \_\_\_\_\_.
3. Withania somnifera belongs to the family \_\_\_\_\_.
4. In Hindi Cinnamon is known as \_\_\_\_\_.
5. Shark liver oil is the source of Vitamin \_\_\_\_\_

**(Section: B)**

**Q. C Short Answer Type Questions: (Attempt any five)**

**[5 × 3 = 15]**

1. What is adulteration? Describe in brief the adulteration of crude drugs with examples.
2. What do you know about herbal cosmetics?
3. Write the tests of identification of glycosides.
4. Write the biological source and therapeutic uses of any two of the following.
  - a) Gokhru
  - b) Tulsi
  - c) Opium
5. Define any three of the following:
  - a) Cardiotonic
  - b) Laxative
  - c) Diuretic
  - d) Astringent
  - e) Carminative
6. Write the biological source and chemical constituents of an oxytocic drug.

**(Section: C)**

**Q. D Long Answer Type Questions: (Attempt any three)**

**[5 × 3 = 15]**

1. Discuss briefly about classification of Nutraceuticals.
2. Write the biological source, Chemical constituents and therapeutic uses of any two of the following.
  - a) Rauwolfia
  - b) Digitalis
  - c) Clove
3. Discuss in brief the role of medicinal plants in national economy.
4. Explain the basic principles involved in Ayurvedic and Homeopathic system of medicine.