

PHB Sample Paper - 1

D. Pharm Ist Year, THIRD SESSIONAL EXAMINATION, 2022 - 23
(PHARMACEUTICS)

Time: 02 Hrs

Maximum Marks: 40

Instructions:

1. Write the Roll no. on your question paper.
2. Candidate should ensure that the question paper supplied to them is complete in all respects. Complaints in this regards, if any, should be made to the invigilatory staff on the duty in the exam centre within 15 minutes of Commencement of the exam. No complaint shall be entertained thereafter.

(Section: A)**Q. A Multiple-Choice Questions:****(5)****Q 1) The full form of FIP in pharmacy is:**

- | | |
|--|-------------------------------------|
| a) Faculty Induction Programme | b) Fair Information Practices |
| c) International Pharmaceutical Federation | d) Indian Pharmaceutical Federation |

Q 2) The solvent used for extraction is known as:

- | | |
|-------------|-----------|
| a) Menstrum | b) Mare |
| c) Extract | d) Slurry |

Q 3) Simple Syrup I.P. is:

- | | |
|----------------------------------|----------------------------------|
| a) 66.7% w/w solution of sucrose | b) 66.7% w/v solution of sucrose |
| c) 56.7% w/w solution of sucrose | d) 56.7% w/v solution of sucrose |

Q 4) cGMP is a part of:

- | | |
|-----------------------------|----------------------|
| a) Quality Control | b) Quality Assurance |
| c) Research and Development | d) Marketing |

Q 5) The freezing point of blood serum/ plasma and tears is:

- | | |
|----------|------------|
| a) 052°C | b) -0.52°C |
| c) -52°C | d) 52°C |

Q. B Fill in the blanks:**(5)**

Q 6) The metabolic products of microbial growth causing increase in body temperature are called_____.

Q 7) The first edition of Indian Pharmacopoeia was published in_____.

Q 8) In the sieving method, the powder is passed through a set of sieves which are arranged in _____ order.

Q 9) Phenyl Mercuric Nitrate is used as_____ in ophthalmic preparations.

Q 10) Large volume parenterals are also called_____.

(Section: B)

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

(5 × 3 = 15)

1. Classify the powders according to Indian pharmacopoeia.
2. Define preservative. Mention various types of preservatives used in pharmaceutical preparations
3. Discuss the theory of filtration.
4. Classify the different type of pharmaceutical packaging material with example.
5. Discuss in short on freeze drying.
6. Define any three of the following:
 - a) Elixirs
 - b) Creams
 - c) Vaccines
 - d) Insufflations

(Section: C)

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

(5 × 3 = 15)

1. Define extraction. Name the various methods of extraction. Describe in brief the stepwise Percolation.
2. What are pharmaceutical aids? Name the various types of pharmaceutical aids with examples.
3. Write any five salient features of eighth edition of Indian Pharmacopoeia.
4. Classify the novel drug delivery systems (NDDS) with examples. Write the advantages of novel drug delivery systems.