

PHB Sample Paper - 2

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

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) Which of the following is Cleaning agent?**

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|------------------------------|-------------------------|
| a) Dibasic calcium Phosphate | b) Sodium fluoride |
| c) Aluminium Hydroxide Gel | d) Sodium metaphosphate |

Q 2) 5,5-diphenylimidazolidine -2,4-dione is the chemical name of.

- | | |
|---------------|----------------|
| a) Atenolol | b) Phenytoin |
| c) Furosemide | d) Haloperidal |

Q 3) Griseofulvin is

- | | |
|----------------|-----------------|
| a) Anaesthetic | b) Hypoglycemic |
| c) Antifungal | d) Laxative |

Q 4) Which of the following is Anti-psychotics Drug?

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|-------------------|----------------|
| a) Chlorpromazine | b) Imipramine |
| c) Alprazolam | d) Epinephrine |

Q 5) Septran is the brand name of which of the following?

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|------------------------------------|--------------------------------|
| a) Sulfamethoxazole + Trimethoprim | b) Sulfadiazine + Trimethoprim |
| c) Sulfacetamide + Trimethoprim | d) None of the above |

Q. B Fill in the blanks: (5)**Q 6)** Pilocarpine is used in the treatment of _____.**Q 7)** The full form of EDTA is _____.**Q 8)** Amphotericin B is the most effective drug against _____ infections.**Q 9)** Acetaminophen is a _____.**Q10)** Metronidazole has _____ odour.

(Section: B)

Q. C Short Answer Type Questions: (Attempt any five) (5 × 3 = 15)

1. What are Anti-neoplastic agents? Give some examples.
2. Write in brief about Non-Steroidal Anti inflammatory Agents.
3. What are hypoglycemic agents? Give examples of oral hypoglycemic agents.
4. Write a note on narcotic antagonists.
5. Discuss in short about Anti-tubercular drugs with suitable examples.
6. Define any three of the following:
 - a) Diuretics.
 - b) Anaesthetics.
 - c) Anticonvulsants.
 - d) Dental products.

(Section: C)

Q. D Long Answer Type Questions: (Attempt any three) (5 × 3 = 15)

1. Describe the principle and chemical reactions involved in the limit test for the following:
(any one)
 - a) Chloride
 - b) Sulphate
2. Explain the precipitation titration.
3. Define any **two** of the following:
 - i) Antianginal agents
 - ii) Antimalarials Agents
 - iii) Diuretics Agents.
 - iv) Anti depressants
4. Write the mechanism of action of any **five** of the following:
 - a) Aspirin
 - b) Reserpine
 - c) Fluconazole
 - d) Isoniazid
 - e) Sulfamethoxazole
 - f) Imipramine Hydrochloride