

# Question Paper

Exam Date & Time: 03-Sep-2022 (10:00 AM - 12:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

FOURTH SEMESTER B.Sc. PFT / B.OPTO/B.Sc. RRT & DT / BPT DEGREE EXAMINATION - SEPTEMBER 2022  
SUBJECT: PHAR 202 - PHARMACOLOGY  
(2016 SCHEME)

Marks: 50

Duration: 120 mins.

### Answer all the questions.

1. Define the following terms with an example.

- |     |                      |     |
|-----|----------------------|-----|
| 1A) | Antitussives         | (2) |
| 1B) | Bacteriostatic drug  | (2) |
| 1C) | Iatrogenic disease   | (2) |
| 1D) | General anaesthetics | (2) |
| 1E) | Synergism            | (2) |

2. List two therapeutic uses and two adverse effects of the following drugs.

- |     |             |     |
|-----|-------------|-----|
| 2A) | Morphine    | (2) |
| 2B) | Adrenaline  | (2) |
| 2C) | Heparin     | (2) |
| 2D) | Atropine    | (2) |
| 2E) | Amoxicillin | (2) |

3A) Mention three groups of drugs with an example for each used in bronchial asthma. Explain the mechanism of action of any one group. (5)

3B) List two local anesthetics. Explain their mechanism of action. Mention two therapeutic uses and their two techniques of administration of local anesthetics. (5)

3C) List two advantages and two disadvantages for following routes of drug administration with an example of drug given by this route. (5)

- i) Oral
- ii) Intramuscular

3D) List two drugs useful in following conditions: (5)

- i) Epilepsy
- ii) HIV infection
- iii) Hyperlipidemia
- iv) Peptic ulcer
- v) Hypertension

- 4A) List two skeletal muscle relaxants and list their two uses. (2)
- 4B) Mention two examples and two general toxicities of anticancer drugs. (2)
- 4C) Explain in brief the analgesic action of aspirin. (2)
- 4D) List two aminoglycosides and mention their two common features. (2)
- 4E) List two corticosteroids and mention their two adverse effects. (2)

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