

# Question Paper

Exam Date & Time: 26-May-2022 (10:00 AM - 12:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

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

Marks: 50

Duration: 120 mins.

Answer all the questions.

- 1A) Define bioavailability. (2)
- 1B) Enumerate four factors affecting drug absorption. (4)
- 1C) Mention two advantages and two disadvantages of oral route of drug administration. (4)
- 2A) Mention four types of adrenergic receptors and their distribution. (4)
- 2B) Enumerate two adrenergic drugs and mention two uses of any one. (2)
- 2C) Name four beta blockers. Mention two uses and two adverse effects for the same. (4)
- 3A) List two local anesthetics and two general anaesthetics. Describe three complications of general anaesthesia. (5)  
(2+3 = 5 marks)
- 3B) Mention four uses, two adverse effects and two contraindications for morphine. Which is the antidote for morphine poisoning? (5)  
(2+2+1 = 5 marks)
- 3C) Write the mechanism of action of cotrimoxazole. Mention two uses and two adverse effects. (5)  
(3+2 = 5 marks)
- 3D) Enumerate four drugs used in bronchial asthma. Write the mechanism of action and two adverse effects of any one. (5)  
(2+2+1 = 5 marks)

4. Write two uses and two adverse effects for the following:

- 4A) Furosemide (2)
- 4B) Aspirin (2)
- 4C) Dexamethasone (2)
- 4D) Warfarin (2)
- 4E) Enalapril (2)

-----End-----