

# Question Paper

Exam Date & Time: 13-SEP-2022 (02:15 PM - 05:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

SECOND BDS DEGREE EXAMINATION - SEPTEMBER 2022

SUBJECT: GENERAL AND DENTAL PHARMACOLOGY AND THERAPEUTICS  
(REGULAR BATCH)

Marks: 60

Duration: 165 mins.

Answer all the questions.

- 1A) Classify drugs used in the treatment of angina pectoris with suitable examples. (4)
- 1B) Explain the basis of using any two drugs from different groups in angina pectoris. (2+2 = 4 marks)
- 1C) Mention a drug combination used in angina pectoris with rationale. (2)
- 2A) List four first line antitubercular drugs with a specific adverse effect of each of them. Explain the mechanism of action of any one drug and write the pharmacological basis for the combination of drugs in tuberculosis. (4+1+2 = 7 marks)
- 2B) Mention three uses and three adverse effects of tetracyclines. (3)
3. Answer the following:
- 3A) Explain first order kinetics with example. Define plasma half-life of a drug and write its clinical significance. (2+2 = 4 marks)
- 3B) Mention four classes of receptor superfamilies with suitable examples. (4)
- 3C) Enumerate four anticholinergic drugs. Mention two uses and two adverse effects of any one of them. (2+1+1 = 4 marks)
- 3D) Classify sympathomimetic drugs based on their therapeutic uses with suitable examples. (4)
- 3E) Mention four inhalational general anesthetics. Write two merits and two demerits of any one of them. (2+1+1 = 4 marks)
- 3F) Enumerate four benzodiazepines. Write four uses of any one of them. (2+2 = 4 marks)
- 3G) Explain four contraindications to morphine. (4)
- 3H) Enumerate four NSAIDs and explain the mechanism of analgesia produced by them. (2+2 = 4 marks)
- 3I) Outline the management of anaphylactic shock. (4)
- 3J) Write briefly on mummifying agents. (4)

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