

Question Paper

Exam Date & Time: 06-Jun-2024 (02:15 PM - 05:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION
SECOND BDS DEGREE EXAMINATION - JUNE 2024
SUBJECT: GENERAL AND DENTAL PHARMACOLOGY AND THERAPEUTICS
(IR BATCH)

Marks: 60

Duration: 165 mins.

Answer all the questions.

- 1A) Classify antianginal drugs with suitable examples. (5)
- 1B) Explain the mechanism of action and adverse effects of any one of them (4)
- 1C) Mention a drug with route used to abort or terminate acute attack of angina (1)
- 2A) Define superinfection. Explain the conditions predisposing to superinfection. Mention the sites and organism involved in superinfection and measures to minimize superinfection. (6)
- 2B) Explain the use of antimicrobial combinations with suitable examples. (4)
3. **Answer the following:**
- 3A) Explain the rationale for the use of low dose aspirin as an antiplatelet drug. Mention two antiplatelet drugs other than aspirin. Write two indications for the same. (4)
- 3B) Explain the terms 'idiosyncrasy' and 'teratogenicity' with suitable examples. (4)
- 3C) Name TWO non-depolarizing skeletal muscle relaxants. Explain the mechanism of action and uses of them. (4)
- 3D) Enumerate FOUR benzodiazepines. Explain the uses of benzodiazepines. (4)
- 3E) Enumerate TWO inhalational general anesthetics. Write THREE objectives of preanesthetic medication along with the drugs used. (4)
- 3F) Explain the mechanism of action of phenytoin. Write a note on adverse effects of phenytoin. (4)
- 3G) Mention TWO first generation and TWO second generation antihistaminics. Explain TWO advantages of second generation over first generation antihistaminics. (4)
- 3H) Compare and contrast: metoclopramide and domperidone. (4)
- 3I) Name TWO sulfonylureas and meglitinides each used in diabetes mellitus. Explain the mechanism of action and mention TWO adverse effects for sulfonylureas (4)
- 3J) Write briefly on dentifrices. (4)

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