

Question Paper

Exam Date & Time: 14-Jul-2023 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

Instructions: Answer ALL questions.

Pharmacotherapeutics-1 [PPR 2.6T-S1]

Marks: 70

Duration: 180 mins.

Section A

Answer all the questions.

Long Answer Questions (3 x 10 marks = 30 marks)

- 1) Discuss the management of hypertension according to JNC-8 guidelines. (10)
- 2) With the help of an algorithm explain the management of acute asthma exacerbation (Mention the dose and ADRs of important drugs). (10)
- 3) Discuss guidelines for rational prescribing of drugs with a special emphasis for antibiotics. (10)

Section B

Answer all the questions.

Short Answer Questions (6 x 5 marks = 30 marks)

- 4) Discuss the role of statins and fibrates for the management of dyslipidemia. (5)
- 5) Explain the management of ACC/AHA stage A and B heart failure. (5)
- 6) Discuss the clinical uses of Insulin with its classification. (5)
- 7) Explain the factors to be considered while prescribing oral contraceptives. (5)
- 8) Discuss the pregnancy categories of medicine. (5)
- 9) Give a note on WHO drug use indicators. (5)

Section C

Answer all the questions.

Give Reasons for the Following (5 x 2 marks = 10 marks)

- 10) Cardiac nitrates have certain drawbacks (2)
- 11) Phase-2 of Purkinje fiber action potential show a typical plateau phase. (2)
- 12) Aspirin like NSAIDs can induce bronchospasm. (2)
- 13) β -blockers can be used in the management of hyperthyroidism (2)
- 14) Aminoglycosides antibiotics such as gentamicin eye drops is NOT recommended for the treatment of bacterial conjunctivitis. (2)

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