

Question Paper

Exam Date & Time: 17-May-2023 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

Instructions: Answer ALL questions.

Pharmacotherapeutics-1 [PPR 2.6T-S2]

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 ischemic heart disease (IHD). (10)
- 2) Explain the management of stable COPD and acute exacerbation COPD. (10)
- 3) Discuss rational drug use and WHO drug use indicators. (10)

Section B

Answer all the questions.

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

- 4) Discuss key differences between JNC-7 and JNC-8 guidelines for hypertension. (5)
- 5) Explain the cardioprotective role of beta-blockers, ACE inhibitors/ARBs and spironolactone in heart failure. (5)
- 6) Discuss the management of thyroid storm. (5)
- 7) Explain the probable mechanism of actions of oral contraceptives. (5)
- 8) Discuss the various methods for paediatric dose calculation. (5)
- 9) Discuss essential drug concept and factors for selection of drugs for an essential drug list. (5)

Section C

Answer all the questions.

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

- 10) Statins can be used as primary and secondary prevention of cardiovascular disorders. (2)
- 11) Ventricular hypertrophy is an important sign of heart failure. (2)
- 12) Prevalence of asthma is usually more common in farmers and painters. (2)
- 13) Insulin analogues have certain advantages over regular insulin. (2)
- 14) Allergic conjunctivitis is usually self-limiting and do not spread. (2)

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