

Question Paper

Exam Date & Time: 30-Apr-2024 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

I Pharm D Post Baccalaureate
University Examination, April 2024

Pharmacotherapeutics I and II [PPR 4.7T-S1]

Marks: 70

Duration: 180 mins.

A: Long Answer Questions

Answer all the questions.

Draw diagrams wherever necessary

- 1) Explain pathophysiology and treatment regimen for tuberculosis. (10)
- 2) Discuss the difference between solid tumors and blood cancers with examples. Mention the risk factors for breast cancer and write a note on targeted therapy for breast cancers. (10)
- 3) Classify different types of angina and explain the management of stable angina. (10)

B: Short Answer Questions

Answer all the questions.

- 4) Explain the role of different sulfonyl urea in the management of Type 2 Diabetes. (5)
- 5) Explain the role of pharmacist in rational use of drugs. (5)
- 6) Enlist various gastroenteritis conditions. Write the pathophysiology and preventive measures for gastroenteritis. (5)
- 7) Explain the pharmacotherapy for rheumatoid arthritis. (5)
- 8) Describe the etiology and management of acute renal failure. (5)
- 9) Explain the pharmacotherapy of moderate-to-severe psoriasis with the help of an algorithm. (5)

C. Give Reasons for the Following

Answer all the questions.

- 10) Combination therapy is required when statin monotherapy is ineffective for a dyslipidaemia patient. (2)
- 11) Cromolyn sodium is effective only when used prophylactically. (2)
- 12) Combined hormonal contraceptive pills are contra-indicated in women who smoke. (2)
- 13) Antibiotics are commonly prescribed for conjunctivitis patients, particularly those wearing contact lenses. (2)
- 14) Body surface area estimation is more accurate method for calculation of pediatric dose. (2)

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