

Question Paper

Exam Date & Time: 16-May-2023 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

Instructions: Answer ALL questions.

Pharmacotherapeutics-2 [PPR 3.3T-S1]

Marks: 70

Duration: 180 mins.

Section A

Answer all the questions.

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

- 1) Discuss the etiopathogenesis and the pharmacologic treatment recommendations for patients with bacterial infective endocarditis. (10)
- 2) Explain the steps for the formation of malignant cells from normal cells with reasons. Classify anticancer drugs based on their mechanism of action. (10)
- 3) Explain the etiopathogenesis and management of eczema. (10)

Section B

Answer all the questions.

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

- 4) Explain briefly the management of different types of urinary tract infections. (5)
- 5) Differentiate the treatment for various types of malaria. (5)
- 6) Explain the management of intradialytic hypotension and muscle cramps complications in haemodialysis patients. (5)
- 7) Describe the etiology and pathophysiology of osteoarthritis. (5)
- 8) Explain the treatment for acute lymphoblastic leukemia with examples. (5)
- 9) Explain the PUVA treatment plan for patients with psoriasis. (5)

Section C

Answer all the questions.

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

- 10) Angiotensin-converting enzyme inhibitors and nonsteroidal anti-inflammatory drugs are associated with acute kidney injury. (2)
- 11) In most patients with symptomatic axial spondylarthritis, we suggest a nonsteroidal anti-inflammatory drug (NSAID) as initial therapy. (2)
- 12) The cytotoxicity of cancer drugs is common. (2)
- 13) Certain breast cancer have the poorest survival rate. (2)
- 14) The combination of two biological DMARDs is not recommended in rheumatoid arthritis management. (2)

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