

Exam Date & Time: 13-Jul-2022 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

Manipal Academy of Higher Education, Manipal MPharm Theory End-Semester Examinations.

Principles of Disease Management [PMA-MPD201T]

Marks: 75

Duration: 180 mins.

SECTION - A

Answer all the questions.

Answer the following (10 marks x 5 = 50 marks)

- 1) Describe the hormonal regulation of blood pressure. Explain hypertension guideline management algorithm. (10)
- 2) How does a medical practitioner identify osteoarthritis in his patients? Highlight the pathophysiology, diagnostic parameters used, and treatment regimen applied. (10)
- 3) Mr. X, 80 year old has controlled type 2 diabetes mellitus for 6 years and normally takes Glibenclamide each morning. He was brought to the emergency after he fainted. His assistant mentions that he skipped his meal.
 - a. What could be the reason for fainting?
 - b. Which lab tests are recommended? (10)
 - c. What are the immediate pharmacological measures to be taken in emergency?
 - d. Advice if any change in medication is needed.
 - e. Describe the mechanism of action of Glibenclamide
- 4) Compare the pathophysiology of open angle and closed angle glaucoma with a diagram. With a flow chart mention the management of closed angle glaucoma (10)
- 5) Discuss the therapeutic management of Hodgkin's lymphoma. What is the relevance of combined modality treatment in this condition? (10)

SECTION - B

Answer all the questions.

Answer the following (5 marks x 5 = 25 marks)

- 6) Correlate the role of dopamine in neurodegenerative disorders. Comment on drugs that modulate dopaminergic activity. (5)
- 7) Describe the pharmacotherapy of peptic ulcer. (5)
- 8) Why are estrogens and progestins prescribed in menopause? What are the limitations? (5)
- 9) What are the primary objectives while treating an AIDS patient? (5)
- 10) Explain the drug therapy in geriatric patients (5)

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