

Question Paper

Exam Date & Time: 11-May-2023 (02:00 PM - 05:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

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

Advanced Pharmacology II [PHA-MPL201T -S2]

Marks: 75

Duration: 180 mins.

SECTION - A

Answer all the questions.

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

- 1) Explain the any two therapeutically useful pharmacological actin of corticosteroids. Explain the types and mechanism of action of oral contraceptives (10)
- 2) . Discuss the pharmacology of macrolides. (10)
- 3) Describe adaptive immune response with special emphasis on cell-mediated immunity. (10)
- 4) Classify anti emetic drugs. Explain the mechanisms of action of different classes of antiemetic drugs (10)
- 5) Describe the role of free radicals in the pathogenesis of diabetes, cancer and neurodegenerative diseases. (10)

SECTION - B

Answer all the questions.

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

- 6) Discuss the mechanisms of action of the first line drugs used in TB. (5)
- 7) Explain the advances in Alzheimer's research with a specific aim on the NLRP3 hypothesis. (5)
- 8) Write a note on important antioxidants and their therapeutic/prophylactic uses. (5)
- 9) Explain the mechsnim of action of any two classes of oral hypoglycemic agents (5)
- 10) Explain the mechanim of action of any two different classes of immunosuppressent drugs (5)

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