

Roll No.

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Total No. of Pages : 01

Total No. of Questions : 06

M.Pharmacy(Pharmacology) (2017 Batch) (Sem.-2)

ADVANCED PHARMACOLOGY -II

Subject Code : MPL-201T

Paper ID : [74943]

Time : 3 Hrs.

Max. Marks : 75

INSTRUCTIONS TO CANDIDATES :

1. Attempt any FIVE questions out of SIX questions.
2. Each question carries FIFTEEN marks.

1.
 - a. Write a descriptive note on growth hormone and prolactin. (7.5)
 - b. Discuss the pharmacological actions, mechanism of action and uses of insulin. What is insulin resistance? (7.5)
2.
 - a. Write the mechanism of action, uses and side effects of tetracyclines. (7.5)
 - b. Give the classification of anti-tubercular drugs and discuss any two drugs in detail. (7.5)
3. Explain the pharmacology of :
 - a. Nitrogen mustards (5)
 - b. Pyrimidine antagonists (5)
 - c. Metronidazole (5)
4.
 - a. Write the classification of anti-asthmatic drugs. Discuss any two classes in detail. (7.5)
 - b. Discuss the cellular and biochemical mediators of inflammation. (7.5)
5. What is chronopharmacology? Discuss with suitable examples. (15)
6.
 - a. Discuss how free radicals are involved in the pathology of neurodegenerative disease and cancer. (7.5)
 - b. What recent advances have been done in the treatment of Diabetes Mellitus and Cancer? (7.5)