



Roll No.

Total No. of Pages : 02

Total No. of Questions : 06

M. Pharmacy (Pharmacology) (2017 & Onwards) (Sem.-1)

**ADVANCED PHARMACOLOGY-I**

Subject Code : MPL-102T

M.Code : 74676

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. Write notes on following :
  - a. Explain neurochemical basis of Schizophrenia. Discuss the clinical status of atypical antipsychotics. (10)
  - b. Write a short note on antiplatelet drugs. (5)
2. Discuss the mechanism of action, adverse effects and clinical status of the following drugs :
  - a. Nitroglycerine (5)
  - b. Atorvastatin (5)
  - c. Lignocaine (5)
3.
  - a. Discuss various agents affecting neuromuscular junction. (8)
  - b. Elaborate the significance of protein binding. (7)
4. Discuss briefly :
  - a. Steps involved in adrenergic neurotransmission (5)
  - b. Therapeutic status of Cholinesterase inhibitors (5)
  - c. Class II antiarrhythmic agents (5)





5. Justify the use of the following drugs :
- a. Diuretics in hypertension (5)
  - b. Vasodilators in congestive heart failure (5)
  - c. GABAergic drugs in anxiety (5)
6. Discuss Briefly :
- a. Status of newer antiepileptic drugs (8)
  - b. Management of Congestive heart failure (7)

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