

29 MAY 2013

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Total No. of Pages : 01

Total No. of Questions : 06

M. Pharmacy (Pharmacology) (Sem.-1st)

DRUG THERAPY AND PHARMACOTHERAPEUTICS

Subject Code : PHM-513

Paper ID : [E0208]

Time : 3 Hrs.

Max. Marks : 80

INSTRUCTION TO CANDIDATES :

1. Attempt any FIVE questions out of SIX questions.
2. Each question carry SIXTEEN marks.

1. (a) Write a note on monitoring of drug therapy.
(b) Discuss in brief about pathophysiology and drug therapy of Migraine.
[8 + 8]
2. Discuss pathophysiology and drug therapy of schizophrenia. [16]
3. Explain the pharmacological basis of using :
(a) ACE inhibitors in congestive heart failure
(b) L-Dopa in Parkinsonism
(c) Proton pump inhibitors in peptic ulcer
(d) Fluoxetine in depression
[4 + 4 + 4 + 4]
4. Describe the pathophysiology of Parkinsonism and explain the role of MAO-B and COMT inhibitors in management of Parkinsonism. [16]
5. (a) Write a note on drug therapy of Type-2 diabetes mellitus.
(b) Explain the role of sympathomimetics in the treatment of bronchial asthma.
[8 + 8]
6. Describe the pharmacological basis of therapeutic uses of the following :
(a) Hormonal oral contraceptives
(b) Zidovudine in the treatment of AIDS
(c) Statins in hyperlipidaemia
(d) Chloroquine in the treatment of malaria.
[4 + 4 + 4 + 4]

