

B. PHARM.

(SEM. VI) EXAMINATION. 2006-07

PHARMACEUTICAL CHEMISTRY - V

(MEDICINAL CHEMISTRY - D)

Time : 3 Hours | UPTUONLINE.COM | Total Marks : 80

- Note :*
- (1) Answer all the questions.
 - (2) All questions carry equal marks.

- 1** Write on any **two** of the following : **8+8**
- (a) Geometrical isomerism of drug molecule and biological action.
 - (b) Drug-receptor interaction;
 - (c) Active and passive transport phenomenon

- 2** (a) Write in short on anticholinesterases

OR

- (a) Give the synthesis and uses of atropine, physostigmine, amphetamine and ephedrine.
- (b) Give a short notes on anticholinergic drugs.

- 3** Answer any **two** of the following :

- (a) Synthesis and uses of thiopental, lignocaine, phenobarbitone and methadone.
- (b) Define local anesthetic and classify them. Give SAR of PABA derivatives
- (c) SAR of morphine derivatives used as opioid analgesic.

- 4** Answer any **two** of the following :

- (a) Synthesis and uses of Carbamiphen, phenytoin, nitcethamide and carbidopa.
- (b) SAR of Anticonvulsants belonging to barbiturates, hydantoinis and oxazolidinedione classes;
- (c) Antitussives.

- 5** (a) Give synthesis and uses of meprobamate, pancuronium, dicyclomine and imipramine.

OR

- (a) Write in short on antispasmodics
- (b) Define and classify antidepressants and neuroleptics. Give SAR of antidepressant belonging to phenothiazine nucleus.