

Roll No. ....

Total No. of Questions : 10]

[Total No. of Pages : 02

## Paper ID [PH353]

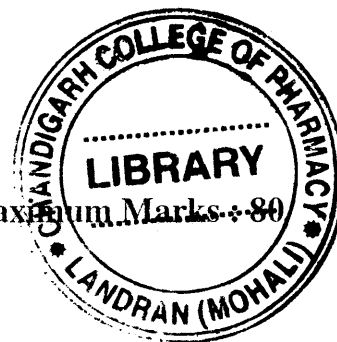
(Please fill this Paper ID in OMR Sheet)

B.Pharmacy (Sem. - 5<sup>th</sup>)

PHARMACOLOGY - I (PHM - 3.5.3)

Time : 03 Hours

Maximum Marks : 80



### Instruction to Candidates:

- 1) Section - A is Compulsory.
- 2) Attempt any **Four** questions from Section - B.
- 3) Attempt any **Three** questions from Section - C.

### Section - A

Q1)

(15 × 2 = 30)

- a) Write the advantages of SUBLINGUAL route of administration.
- b) Define antagonist.
- c) Write two contraindications of beta blockers.
- d) Why dopamine is not used in the treatment of parkinson's disease.
- e) Write side effects of PHENYTOIN.
- f) Write the therapeutic uses of LITHIUM.
- g) Why adrenaline is co-administered with local anaesthetics?
- h) Define PHARMACOGENOLOGY.
- i) Write the limitations of bio-assays.
- j) What is tachyphylaxis?
- k) Define half-life.
- l) Define Pharmacokinetics.
- m) Write mechanism of action of Chlorpromazine.
- n) What are broad spectrum anti-epileptic drugs?
- o) What is the therapeutic use of disulfiram?

**Section - B**

**(4 × 5 = 20)**

**Q2)** Classify Local anaesthetics and write their uses.

**Q3)** Write mechanism of action of SSRIs.

**Q4)** Write a short note on Valproic acid.

**Q5)** Write a short note on factors modifying drug action.

**Q6)** Write therapeutic uses of alpha blockers.

**Section - C**

**(3 × 10 = 30)**

**Q7)** Classify parkinsonian drugs and write a note on *l*-dopa.

**Q8)** Write a note on bioassay of drugs.

**Q9)** Write a note on uses, contraindication & side effects of aspirin.

**Q10)** Classify anti-cholinergic drugs and write their therapeutic uses.

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