

Roll No.

Total No. of Questions : 10]

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B. Pharmacy (Sem. - 5th)
PHARMACOLOGY - I
SUBJECT CODE : PHM-3.5.3
Paper ID : [D0124]

[Note : Please fill subject code and paper ID on OMR]

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 x 2 = 30)

- a) Why intravenous route is considered as the best route of drug administration?
- b) Define with examples drug “synergism” and “antagonism”.
- c) What is preanesthetic medication?
- d) Give two examples of centrally acting muscle relaxants?
- e) How do you define drug dependence?
- f) What is mydriasis? Give example of a mydriatic agent.
- g) What is biological standardization?
- h) Give two examples of CNS stimulants also highlight their therapeutic uses.
- i) Give few examples of atypical anti-psychotics.
- j) Highlight disadvantages of oral route of drug administration.
- k) What is disulfiram?
- l) What is mania? Mention two drugs for it.
- m) Give two examples of selective Cox-2 inhibitors.
- n) What is Neurolept anesthesia?
- o) Give two examples of AChE inhibitors used in Alzheimer’s disease.

Section - B

(4 x 5 = 20)

Q2) Write a brief note on local anesthetics.

Q3) Discuss uses of beta-blockers.

Q4) Write a brief note on narcotic analgesics.

Q5) Add a note on anti-gout drugs.

Q6) Write a note on Drug addiction.

Section - C

(3 x 10 = 30)

Q7) Classify various anti-cholinergic drugs and discuss pharmacology of Atropine.

Q8) How do you define sedative and hypnotics? Discuss briefly about pharmacology of sedatives and hypnotics.

Q9) How do you define epilepsy? Classify various anti-epileptic drugs and discuss pharmacology of Phenytoin.

Q10) Give an account of anti-depressant drugs.

