

16428(D)

- 0 DEC 2016

B. Pharmacy (Ayur.) 3rd Semester Examination

Pharmacology-I (CBS)

BPA-304

Time : 3 Hours

Max. Marks : 60

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

Note : Attempt any one question from Sections A, B, C and D. All questions of Section E are compulsory.

SECTION - A

1. Write names of all possible routes of drug administration. Describe oral and sublingual routes in detail. (10)
2. Explain following:
 - (a) Phase-I of drug metabolism with examples. (5)
 - (b) Competitive drug antagonism. (5)

SECTION - B

3. Classify parasympathomimetics. Give pharmacological actions, mode of action and therapeutic uses of physostigmine. (10)
4. (a) Give an account of respiratory stimulants. (5)
(b) Name different anticholinergic drugs. Write their clinical uses. (5)

SECTION - C

5. Enlist anti depressant drugs. Write mode of action and side effect of imipramine. (10)

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6. Enumerate various drugs used in treatment of Parkinson's disease. Describe pharmacotherapy of Parkinson's disease. (10)

SECTION - D

7. Classify local anaesthetics . Discuss mode of action and uses of lignocaine. (10)
8. What are the recent antihistaminic? Write mode of action, adverse effects and contraindications of Pheniramine. (10)

SECTION - E

9. Attempt all the following:
 - (a) Define Bioavailability.
 - (b) Name two ganglion blocker.
 - (c) Give mode of action of atenolol.
 - (d) Write clinical uses of diazepam.
 - (e) Highlight physiological role of histamine.
 - (f) Describe use of carbamazepine.
 - (g) Mention uses of analgesics. Name two analgesics.
 - (h) What are dose response relationship?
 - (i) Mention drugs used to treat gout.
 - (j) Explain affinity constant. (2×10=20)