Roll No. | | | | | | | | | | | | |

Total No. of Pages : 02

Total No. of Questions : 10

B.Pharma (2011 to 2016) (Sem.–7)

PHARMACOLOGY–III

Subject Code : BPHM-703

Paper ID : [A2910]

Time : 3 Hrs. Max. Marks : 80

INSTRUCTION TO CANDIDATES :

1. **SECTION-A is COMPULSORY consisting of FIFTEEN questions carrying TWO marks each.**
2. **SECTION-B contains FIVE questions carrying FIVE marks each and students has to attempt any FOUR questions.**
3. **SECTION-C contains FOUR questions carrying TEN marks each and students has to attempt any THREE questions.**

SECTION-A

1. Answer briefly :

a. Define astringents with suitable examples.

b. Classify anti-ulcer drugs with examples.

c. Define carminatives and demulcents.

d. Name two antipseudomonal and two broad spectrum penicillins.

e. What is Yuzpe method?

f. What do you mean by soft-steroids?

g. Name antagonists used to treat atropine and organophosphate poisoning.

h. Differentiate between diabetes *mellitus* and diabetes *insipidus*.

i. What are the components of triple therapy for H. *pylori?*

j. What is the role of vitamin D_3?

k. Discuss 5-α reductase inhibitors.

l. Define emesis and role of histamine in emesis.

m. What is thalidomide tragedy?

n. What are neurotoxins? Give examples.

o. What is minipill?

SECTION-B

2. Write short notes on :
   a. Cotrimoxazole
   b. Organophosphate poisoning
3. Discuss the mechanism of action of the following :
   a. Quinolones
   b. Corticosteroids
4. Classify anti-HIV drugs. Discuss the mode of action, uses and side-effects of protease inhibitors.
5. Discuss the general principles of management of poisoning.
6. Give an account on hepatic and renal toxicity.

SECTION-C

7. Write notes on the following :
   a. Gliptins
   b. Cephalosporin
8. Discuss the following :
   a. Proton pump inhibitors
   b. Oral contraceptives
9. Discuss the biosynthesis and secretion of thyroid hormone. Discuss the treatment for diseases associated with hypothyroidism.
10. Classify anti-cancer drugs. Discuss pharmacology of alkylating agents.