

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 10

B.Pharmacy (Sem.-7)

PHARMACOLOGY-III

Subject Code : PHM-474

Paper ID : [D0135]

Time : 3 Hrs.

Max. Marks : 80

INSTRUCTIONS 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 have to attempt any **FOUR** questions.
3. **SECTION-C** contains **FOUR** questions carrying **TEN** marks each and students have to attempt any **THREE** questions.

SECTION-A

1. Briefly discuss mode of action, therapeutic uses and side effects of the following :

- a) Ranitidine
- b) Ondansetron
- c) Lactulose
- d) Loperamide
- e) Clavulanic acid
- f) Cefepime
- g) Minocycline
- h) Oxytocin
- i) Azithromycin
- j) Dapsone
- k) Griseofulvin
- l) Ganciclovir
- m) Zidovudine
- n) Universal antidote
- o) Sildenafil

SECTION-B

2. Write short notes on :
 - a) DOSS
 - b) Vincristine
3. Discuss the mechanism of action of the following :
 - a) Cotrimoxazole
 - b) Corticosteroids
4. Classify anti-HIV drugs. Discuss the mode of action, uses and side-effects of protease inhibitors.
5. Classify immunosuppressants. Discuss the mode of action, uses and side-effects of cyclosporine.
6. Give an account on organophosphate poisoning.

SECTION-C

7. Write notes on the following :
 - a) Proton pump inhibitors
 - b) Prokinetic agents
8. Discuss the following :
 - a) Antimetabolites
 - b) Lead toxicity
9. Discuss the biosynthesis and secretion of thyroid hormone. Discuss the treatment for diseases associated with hypothyroidism.
10. Classify anti-tubercular drugs. Discuss pharmacology of oral anti tubercular drugs.