

B. Pharmacy 7th Semester Examination

Pharmacology-III (NS)

BP-472

Time : 3 Hours

Max. Marks : 70

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 two questions from Section A, any eight from Section-B and Section C is compulsory.

SECTION - A

1. Classify anti-asthmatic agents. Discuss the MOA and side-effects of bronchodilators and leukotriene antagonists.
2. Classify anti-cancer agents. Discuss the mechanisms, side effects, drug interaction of purine antagonists and vinca alkaloids.
3. Write a brief note on tuberculosis and discuss in detail about its treatment regimes. (10×2=20)

SECTION - B

4. Write a note on cotrimoxazole.
5. Write a note on Anti-fungal agents.
6. Classify cephalosporin's and write their mechanism of action.
7. What are STD's? Discuss in brief about the treatment of syphilis.
8. Discuss mode of action and uses of β -lactum antibiotics.
9. Write a note on organophosphate poisoning.

10. Classify anti-ulcer agents. Write the mechanism of action of PPIs.
11. What are laxatives? Explain Bulk forming and stool softener drugs.
12. Give a detailed account on immunosuppressant agents.
13. Write a note on Antiviral (non-retroviral) agents. (5×8=40)

SECTION - C

14. Attempt all the following:
 - (a) What is Superinfection?
 - (b) What is Ototoxicity? With examples
 - (c) Discuss mode of action of quinolones.
 - (d) What is 'Dapsone Syndrome'?
 - (e) Write the MOA and uses of leukotriene antagonists.
 - (f) What is cross resistance?
 - (g) Write the antidotes for 'Opioid Poisoning'.
 - (h) Enlist the uses of immunostimulants.
 - (i) Write mechanism of action of sucralfate.
 - (j) What is 'Acid Neutralizing Capacity'? (1×10=10)