

[Total No. of Questions - 9] [Total No. of Printed Pages - 2]  
(2124)

1708

**B. Pharmacy 7th Semester Examination**

**Pharmacology-III (OS)**

**HBP-407**

**Time : 3 Hours**

**Max. Marks : 80**

*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 five questions. Each question carries 16 marks. Select one question each from section A, B, C, D. Section E is compulsory.

**SECTION - A**

1. Give the names of different anti emetic drugs. Write mechanism of action and adverse effect of the drugs that act through Dopamine & Serotonin receptors for their anti emetic effects. (16)
2. Explain the following category—
  - (i) Carminative
  - (ii) Protective
  - (iii) Asrtigents
  - (iv) Digestants (16)

**SECTION - B**

3. (a) Enlist oral hypoglycemic agent. Write pharmacology of metformin.  
(b) Give an account of insulin. (16)

**[P.T.O.]**

4. (a) Enumerate different contraceptive.  
(b) Write mode of action, side effect of progesterone. (16)

**SECTION - C**

5. Discuss chemotherapy of following:  
(a) Fungal disease.  
(b) Urinary tract infection. (16)
6. Brief notes on followings—  
(i) Chlortetracycline  
(ii) Chloramphenicol  
(iii) Cephalexin  
(iv) Trimethoprim (16)

**SECTION - D**

7. Define poisoning, give the general principle of treatment of poisoning. (16)
8. Give the detail on chelating agents in the management of lead, mercury, copper, zinc and arsenic poisoning. (16)

**SECTION - E**  
**(Compulsory question)**

9. Write the M.O.A and uses of the following drugs.  
(i) Acarbose  
(ii) Chloroquine  
(iii) Tolbutamide  
(iv) Ondasetron  
(v) Imipenem  
(vi) Gentamicin  
(vii) Fluconazole  
(viii) Roxithromycin. (2×8=16)
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