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Total No. of Pages : 01

Total No. of Questions : 08

M.Sc. (Pharmaceutical Chemistry) (Sem.-3)

**CHEMISTRY OF DRUGS – III**

Subject Code : MSPC-203

Paper ID : [F0273]

Time : 3 Hrs.

Max. Marks : 80

**INSTRUCTIONS TO CANDIDATES :**

1. Attempt any FIVE questions out of EIGHT questions.
2. Each question carries SIXTEEN marks.

Q1. What are antimetabolites? Give structure and synthesis of two drugs.

Q2. Write a note on organic pharmaceutical aids.

Q3. What are alkylating agents? Explain SAR giving suitable examples in each category.

Q4. What are antimalarials? Discuss the chemistry, IUPAC name, synthesis of 8-aminiquinolines derivative drugs.

Q5. What are antifungal agents? Give the mechanism of action, dosage and synthesis of any two.

Q6. Write down the synthesis of following :

- a) Ketoconazole
- b) Methotrexate
- c) Tamoxifen
- d) Fluconazole

Q7. Give structure, chemical name and uses of following :

- a) Amphotericin B
- b) Zidovudine
- c) Chloroquine
- d) Acyclovir

Q8. Write note on radiopharmaceuticals.