

[illegible]

**Total No. of Questions : 08**

**Paper ID : [F0272]**

**Max. Marks : 80**

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

- Q1. a) What are peptide antibiotics? (8)
- b) Write synthesis of Metronidazole and Carbarsone. (8)
- Q2. Write a note on thiourea derivatives including the structure and pharmacological uses. (16)
- Q3. Give SAR, mechanism and uses of cephalosporins. (16)
- Q4. Write a short note on : (8,8)
- a) Macrolides
- b) Fluoroquinolones.
- Q5. Discuss in detail chemistry and pharmacology of penicillins. (16)
- Q6. a) Discuss SAR of tetracyclines. (8)
- b) Give synthesis and uses of pyrazinamide. (8)
- Q7. Give structure, chemical name and uses of following : (4×4)
- a) Trimethoprim
- b) Pyrazinamide
- c) Clofazimine
- d) Rifampin
- Q8. What are aminoglycosides? Give their structure, mechanism of action and uses. (16)