Roll No. of Questions: 08	Total No. of Pages : 01
M.Sc. (Pharmaceutical Chemistry) CHEMISTRY OF DRUGS — Subject Code: MSPC-201 Paper ID: [F0272]	(Sem.–3) II
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. a) What are peptide antibiotics?	(8)
b) Write synthesis of Metronidazole and Carbarsone.	(8)
Q2. Write a note on thiourea derivatives including the structure ar	nd pharmacological uses. (16)
Q3. Give SAR, mechanism and uses of cephalosporins.	(16)
Q4. Write a short note on :	(8,8)
a) Macrolides	
b) Fluoroquinolines.	
Q5. Discuss in detail chemistry and pharmacology of penicillines.	(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	of action and uses. (16)

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