**DEPARTMENT OF PHARMACOLOGY**

**14 BATCH**

**CHEMOTHERAPY-1 TEST**

**MARKS:50**

**08.05.2021, 10am-1pm**

**I. ESSAY: (1X10=10)**

1.Classify antibacterial agents based on mechanism of action. Write down the mechanism of action, spectrum of activity, therapeutic uses and adverse effects of fluroquinolones. (3+2+1+2+2)

**II. SHORT NOTES: (5X4=20)**

2.Third generation cephalosporins.

3.Rifampicin.

4.Cotrimoxazole.

5.Newer macrolide antibiotics.

6.Dapsone.

**III.JUSTIFY YOUR DRUG OF CHOICE: (3X4=12)**

7.Penicillin G or Gentamycin in the treatment of Acute Tonsilitis caused by Streptococcus Pyogenes.

8.Ceftriaxone or Ciprofloxacin for treatment of Typhoid fever in older patients.

9.Cefazolin or Cephalexin for surgical prophylaxis.

**IV. VERY SHORT ANSWERS: (4X2=8)**

10.Four Antibiotics that act by inhibiting 50s ribosomes.

11.Two Anti-bacterial agents safer in pregnancy and Two Anti-bacterial agents contraindicated in pregnancy.

12.Four Indications of Anti-bacterial prophylaxis.

13.What is super infection? Name two Antibiotics which cause superinfection.