

Time: 3 Hrs.

[Max. Marks: 100]

**PHARMACOLOGY - PAPER II (Revised Scheme)****QP Code: 1061**

Your answers should be specific to the questions asked.  
Draw neat labeled diagrams wherever necessary.

**LONG ESSAY****2 X 9 = 18 Marks**

1. Classify penicillins. Explain mechanism of action, Therapeutic uses, adverse effects of ampicillin. Add a note on beta – lactamase inhibitors
2. Classify drugs used in diabetes mellitus. Explain mechanism of action, therapeutic uses, adverse effects of insulin how would you treat diabetic ketoacidosis

**SHORT ESSAY****10 X 5 = 50 Marks**

3. Uses of corticosteroids
4. Anti thyroid drugs
5. Adverse effects of contraceptives
6. Rifampicin
7. Classify anti fungal agents
8. Drugs in amoebiasis
9. dapsone
10. Drugs in peptic ulcer
11. Selective B2 agonists in Br. Asthma
12. Drugs in rheumatoid arthritis

**SHORT ANSWERS****16 X 2 = 32 Marks**

13. Lugol's iodine is given prior to thyroid surgery
14. Tamoxifen in breast cancer
15. Colchicine in acute gout
16. Ergometrine for post – partum hemorrhage
17. Cyclosporine in renal transplantation
18. Quinolones are not recommended for use in children
19. Mebendazole in round worm infestation
20. Diethyl carbamazine in filariasis
21. Zidovudine in AIDS (HIV)
22. Folinic acid (Citrovorum factor) with high dose of methotrexate
23. Clofazimine in lepra reaction
24. Griseofulvin in dermatophyte infection
25. INH always given with pyridoxine
26. Mechanism of action of sulfonylureas
27. Pyrimethamine and sulfadoxine in Chloroquine Resistant Malaria
28. Mechanism of action of erythromycin