

**Q.P. Code: 202001**

**Reg. no.: .....**

**Second Professional MBBS Degree Supplementary Examinations,  
October 2016**

**Pharmacology- Paper II**

**Time: 2 Hours**

**Total Marks: 40**

- Answer all questions
- Draw diagrams wherever necessary

**Essays:**

**(2x6=12)**

1. A 50 years old lady complains of pain in the throat and has been diagnosed to have streptococcal tonsillitis. Answer the following:
  - Name two appropriate drugs for it.
  - Name two bactericidal and two bacteriostatic drugs
  - Explain briefly the mechanism of action of penicillins
  - What are the adverse effects of amino glycosides. (1+1+2+2=6)
2. Classify oral anti diabetic drugs and explain the mechanism of action of any two groups. Mention one insulin analog and list one advantage of it over conventional insulin (2+3+1=6)

**Short notes:**

**(5x3=15)**

3. Methotrexate
4. Non systemic antacids
5. Rifampicin
6. Artemisinin based combination therapy (ACT ) in malaria
7. Post coital contraceptives

**Answer briefly:**

**(5x1=5)**

8. Two differences between ketoconazole and fluconazole
9. Mention four uses of metronidazole
10. Mechanism of action of hydrocortisone
11. What is post antibiotic effect and mention one example
12. What are streptogramins and mention one use of it

**Name two drugs:**

**(8x1=8)**

13. Peptic ulcer
14. Chemoprophylaxis in tuberculosis
15. Anti emetics
16. Antibiotics given only parenterally
17. Anti thyroid drugs
18. Typhoid fever
19. Antiretroviral drugs
20. Round worm infestation

\*\*\*\*\*