

Q.P. Code: 202001**Reg. no.:**

Second Professional MBBS Degree Supplementary Examinations,
September 2014

Pharmacology- Paper II**Time: 2 Hours****Total Marks: 40**

- Answer all questions
- Draw diagrams wherever necessary

Essays:**(2x6=12)**

1. Classification of fluoroquinolones .Describe the mechanism of action, therapeutic uses and adverse effects of sparfloxacin. (2 + 2+ 2 =6)
2. Read the case history and answer the following questions. Mr. Raman 32 years has developed severe epigastric pain after taking tab. Ibuprofen 400mg tds for his joint pain
 - Mention two drugs used in NSAID induced gastric ulceration
 - Mechanism of action of proton pump inhibitors
 - Drugs for eradication of H.pylori infection

Short notes:**(5x3=15)**

3. Bisphosphonates
4. Adverse effects of aminoglycosides
5. Anti thyroid drugs
6. Rifampicin.
7. Taxanes in cancer chemotherapy.

Answer briefly:**(5x1=5)**

8. Two uses and two adverse effects of oral contraceptive pills
9. Mechanism of action of metoclopramide
10. Two advantages of human insulin
11. Specify the important spectrum of vancomycin
12. Rationale of estrogen in hormone replacement therapy

Name two drugs:**(8x1=8)**

13. Chloroquine resistant malaria.
14. Urinary tract infections
15. Immunosuppressive in organ transplantation
16. Irritable bowel syndrome.
17. Gram negative septicemia
18. Tocolytics
19. Aromatase inhibitors
20. Retro viral infections
