

**QP CODE: 301326**

**Reg. No: .....**

**Third Year Pharm D Degree Supplementary Examinations  
January 2019**

**Pharmacology II**

**Time: 3 Hours**

**Total Marks: 70**

- Answer all Questions.
- Draw Diagrams wherever necessary.

**Essays**

**(3x10=30)**

1. Classify antimalarial drugs and discuss the mechanism of action, adverse drug reactions and uses of chloroquine.
2. Classify immunosuppressants with suitable examples. Discuss the mechanism and uses of calcineurin inhibitors.
3. Discuss the principles, process and applications of recombinant DNA technology.

**Short notes**

**(8x5=40)**

4. Classify cephalosporins and mention its adverse effects.
5. Bacterial DNA replication.
6. Discuss the mechanism of antibiotics interfere with protein synthesis.
7. List out various antithrombotic drugs. Add a note on ticlopidine
8. Classify diuretics. Discuss the mechanism of action and uses of osmotic diuretics.
9. Classify antileprotic drugs. Discuss the mechanism of dapsone.
10. Vectors used in gene transfer.
11. Discuss the pharmacology of metronidazole.

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