

**QP CODE:301326**

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

Third Year Pharm D Degree Supplementary Examinations - March 2015

**Pharmacology II**

**Time: 3 Hours**

**Total Marks: 70**

- Answer all Questions.
- Draw Diagrams wherever necessary.

**Essays**

**(3x10=30)**

1. Classify anti tubercular drugs. Explain the mechanism of action, adverse effects and therapeutic uses of any three commonly used first-line anti tubercular drugs.
2. Discuss in detail about DNA replication.
3. Mention the classification, mechanism of action, pharmacological action, therapeutic uses and adverse effects of sulfonamides.

**Short notes**

**(8x5=40)**

4. Osmotic diuretics
5. State differences between heparin and warfarin.
6. Mechanism of action, adverse effects and therapeutic uses of erythromycin.
7. RNA processing.
8. Gene sequencing, mapping and cloning of human disease genes.
9. The role of glucocorticoids as an anti cancer agent.
10. Plasma expanders.
11. Fibrinolytics and low molecular weight heparins

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