

**QP CODE:301326**

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

Third Year Pharm D Degree Examinations - September 2014

**Pharmacology II**

**Time: 3 Hours**

**Total Marks: 70**

- Answer all Questions.
- Draw Diagrams wherever necessary.

**Essays**

**(3x10=30)**

1. Classify diuretics. Discuss the mechanism of action, indications and adverse effects of loop diuretics
2. Discuss the basic principles of transcription in pro and eukaryotes
3. Classify anti neoplastic agents. Briefly discuss the adverse effects of cancer chemotherapy agents

**Short notes**

**(8x5=40)**

4. Plasma expanders
5. Anti platelets
6. Acute and sub acute toxicity studies
7. Cell cycle regulators
8. Pharmacology of immunosuppressant's
9. RNA processing
10. Gene therapy and targeting
11. Oncogenes

\*\*\*\*\*