

[LE 813]

APRIL 2014

Sub. Code: 3813

DOCTOR OF PHARMACY (PHARM. D) DEGREE EXAMINATION**THIRD YEAR****PAPER I – PHARMACOLOGY - II***Q.P. Code: 383813***Time: Three Hours****Maximum: 70 marks****Answer All questions****I. Elaborate on:****(2 x 20 = 40)**

1. Classify anticancer drugs.

Explain the pharmacology of alkylating agents.

2. What is recombinant technology?

Explain the principle, gene transfer technologies and applications of the same.

II. Write notes on:**(10 x 3 = 30)**

1. Oral anticoagulants.

2. Mechanism and therapeutic uses of vasopressin.

3. Antibiotic resistance.

4. Amphotericin.

5. m-TOR inhibitors.

6. Subacute toxicity studies.

7. Janus kinase pathway.

8. Histones.

9. Types of mutation.

10. Gene therapy targets.
