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[LD 821] **OCTOBER 2013 Sub. Code: 3821**

DOCTOR OF PHARMACY (PHARM. D / POST BACCALAUREATE)

DEGREE EXAMINATION

FOURTH YEAR

PAPER III - CLINICAL PHARMACY

Q.P. Code: 383821

Time: Three Hours Maximum: 70 marks

Answer All questions

I. Elaborate on: $(2 \times 20 = 40)$

1. Discuss the protocol & importance of drug utilization review programme of a hospital.

2. What are the principles of pharmaceutical care? Add a note on quality assurance of Clinical Pharmacy services.

II. Write notes on: $(10 \times 3 = 30)$

- 1. Scope of pre round participation in hospital.
- 2. Role of Liver enzymes in hepatic diseases.
- 3. Spontaneous case studies.
- 5. Verbal communication in patient counseling.6. Types of medication arrow
- 7. Predisposing factors of adverse drug reactions.
- 8. Objectives of clinical pharmacy.
- 9. Components of biomedical literature review.
- 10. Poison information centre.
