

[KZ 821]

OCTOBER 2011

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: 100 marks****Answer ALL questions in the same order.****I. Elaborate on :****Pages Time Marks
(Max.) (Max.) (Max.)**

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| 1. Functions and processing steps of drug utilization evaluation. | 17 | 40 min. | 20 |
| 2. Types and mechanisms of adverse drug reactions. | 17 | 40 min. | 20 |

II. Write notes on :

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| 1. Systemic approach in answering queries received in drug information center. | 4 | 10 min. | 6 |
| 2. Elements of verbal and non verbal skills required for patient counseling. | 4 | 10 min. | 6 |
| 3. Steps involved in Pharmaceutical care. | 4 | 10 min. | 6 |
| 4. Structure of patient case history. | 4 | 10 min. | 6 |
| 5. Responsibilities of clinical pharmacist in hospital patient care areas. | 4 | 10 min. | 6 |
| 6. Liver function tests associated with cholestatic liver disease. | 4 | 10 min. | 6 |
| 7. Clinical importance of blood urea, serum creatinine and plasma sodium levels. | 4 | 10 min. | 6 |
| 8. Requirements for poison information center. | 4 | 10 min. | 6 |
| 9. Activities to be documented by clinical pharmacist and its significance. | 4 | 10 min. | 6 |
| 10. Methods of detection of medication errors. | 4 | 10 min. | 6 |
