

**Q.P. Code: 403326**

**Reg. no.: .....**

**Fourth Year Pharm D Degree Examinations, June 2016**

**Clinical Pharmacy**

**Time: 3 Hours**

**Total Marks: 70**

- Answer all questions
- Draw diagrams wherever necessary

**Essay:**

**(3x10=30)**

1. Define drug Information. Explain various sources and systematic approach in answering a DI query
2. Explain WHO causality assessment scale and mention the role of pharmacist in the management of adverse drug reactions.
3. Explain the various steps and barriers in patient counseling process.

**Short notes:**

**(8x5=40)**

4. What is meant by clinical review and explain the procedure for clinical review.
5. Role of Clinical Pharmacist in Ward Round Participation
6. Explain qualitative and quantitative drug utilization evaluation (DUE) studies.
7. Enumerate the types of medication errors and explain the impact of medication errors.
8. Explain the laboratory assessment of anemia using RBC indices.
9. Explain the procedure in patient medication history interview.
10. Scope of clinical pharmacy
11. Explain the clinical significance of liver enzyme tests with its normal value.

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