

**Code No: PH403****JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD  
Pharm.D(PB) I Year Supplementary Examinations, October/November - 2019  
CLINICAL PHARMACY****Time: 3hours****Max.Marks:70****Answer any five questions  
All questions carry equal marks**

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1. Explain the following activities of a Clinical Pharmacist:
  - a) Ward round participation
  - b) Medication history taking
  - c) Patient counseling
  - d) Drug utilization evaluation and review. [14]
2. Explain the various diagnosis tests and interpretation criterions to identify the following disorders:
  - a) Hematological disorders
  - b) Respiratory disorders
  - c) Liver disorders
  - d) Thyroid disorders. [14]
3. Explain the pharmaceutical care concept. [14]
4. Define and classify adverse drug reactions? Write the predisposing factors and mechanisms behind these adverse drug reactions. [14]
5. Write a note on:
  - a) Drug and Poison Information Centre
  - b) Patient data analysis. [7+7]
6. Explain the various communication skills required for a clinical pharmacist? Write a note on diagnosis tests for identifying fluid and electrolyte abnormalities. [14]
7. Explain how to critically evaluate a biomedical literature. [14]
8. Write a note on:
  - a) Medication chart review
  - b) Clinical review. [14]

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