



(LQ 4265)

**FEBRUARY 2020**

Sub. Code: 4265

**B.PHARM. DEGREE EXAMINATION  
THIRD YEAR  
PAPER V – HOSPITAL & CLINICAL PHARMACY**

Q.P. Code: 564265

**Time: Three hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Define and explain nuclear pharmacy, preparation of radioisotopes and proper disposal of radioactive hazards.
2. Define and explain the various phases of clinical trials with its significance.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Methods of detecting adverse drug effects.
2. Purchasing procedure of drugs in hospital.
3. Discuss about ethics in clinical research.
4. Discuss preparation of Hospital formulary.
5. Good Clinical Practice–International Council for Harmonization (GCP–ICH) Guidelines.
6. Write a brief note on cohort and case control studies.
7. Explain briefly barriers for patient counseling.
8. Define drug interaction and its types.

**III. Short answers on:**

**(10 x 2 = 20)**

1. Drug information resources.
2. Phase–IV of clinical trials.
3. List out various types of drug distribution to hospital inpatients.
4. MEDIPHOR, MEDLINE.
5. Record linkage studies.
6. Drug–Drug interactions.
7. Units of Radioactivity.
8. Write composition of Pharmacy and Therapeutic Committee (PTC).
9. Lead time.
10. ABC analysis (or) selective inventory control.

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