

THE TAMIL NADU Dr.M.G.R. MEDICAL UNIVERSITY

(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 their significance.

II. Write notes on: (8 x 5 = 40)

1. Methods of detecting adverse drug effects.
2. Purchasing procedure of drugs in the hospital.
3. Discuss about the ethics in clinical research.
4. Discuss the 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 the 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 the composition of the Pharmacy and Therapeutic Committee (PTC).
9. Lead time.
10. ABC analysis (or) selective inventory control.
