

**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

[LR 1220]

**DECEMBER 2020**

**Sub. Code: 4265**

**(AUGUST 2020 EXAM SESSION)**

**B. PHARMACY DEGREE EXAMINATION**

**THIRD YEAR – (Regulation from 2009-2010)**

**PAPER V – HOSPITAL & CLINICAL PHARMACY**

*Q.P. Code: 564265*

**Time: Three hours**

**Answer ALL questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. a) Discuss about drug information center and sources of information on drug.  
b) Pharmacokinetic drug interaction with examples.
2. Define Adverse Drug Reaction. Classify ADR with examples. Write about the monitoring methods of ADR and how do you report the ADR.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Write about Radiation hazards and their prevention.
2. Explain the Techniques of inventory control.
3. What are the barriers involved in patients counseling?
4. Discuss about pharmacy and therapeutic committee.
5. What is patient compliance and non-compliance?
6. Write about the different sterilization techniques.
7. What are clinical trials and explain in detail about the various phases.
8. Dispensing of drugs to in-patients, types of drug distribution system.

**III. Short answers on:**

**(10 x 2 = 20)**

1. Types of Hospital.
2. Give two examples for Medication error.
3. Give two methods used to measure the radiation dose received.
4. Give reasons for TDM of Phenytoin.
5. Define a hospital formulary and its contents.
6. Examples for Drug - Food Interactions.
7. Types of Budget.
8. ICH – GCP guidelines.
9. Units of Radioactivity.
10. MEDLINE.

\*\*\*\*\*