

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

(LN 4265)

AUGUST 2018

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. Write in detail about clinical trials with various phases and explain the guidelines governing clinical trials.
2. a) Define Adverse Drug Reaction and classify the ADR with suitable example.  
b) Describe the role of pharmacist to monitor ADR.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Budget preparation and implementation.
2. Radiation hazards and their prevention.
3. Sources of information of drugs.
4. Rules and regulations for dispensing of controlled drugs.
5. Role of pharmacist to improve Patient Compliance.
6. Responsibilities of a hospital pharmacist.
7. Pharmacokinetic drug interaction with suitable example.
8. Explain the Barriers and steps in patient counselling.

**III. Short answers on:**

**(10 x 2 = 20)**

1. Nuclear pharmacy.
2. What is pharmacist intervention?
3. Drug - food interaction with example.
4. How to assess percentage of compliance?
5. Isotopic tagging.
6. TDM of phenytoin.
7. Urine markers.
8. Teratogenicity.
9. Contents of Hospital Formulary.
10. Significance of ABC analysis.

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