

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

[LQ 0121]

**JANUARY 2021**

**Sub. Code: 2977**

**(APRIL 2020 EXAM SESSION)**

**M.PHARMACY DEGREE EXAMINATION**

**SEMESTER-II (PCI New regulations 2016)**

**PHARMACY PRACTICE – MPP**

**PAPER III – CLINICAL PHARMACOKINETICS AND THERAPEUTIC  
DRUG MONITORING**

***Q.P. Code : 262977***

**Time : Three hours**

**Answer ALL Questions**

**Maximum : 75 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Genetic Polymorphism in Drug Transport and Drug Targets.
2. Pharmacokinetic changes and dose adjustment in Hepatic disease.

**II. Write notes on:**

**(7 x 5 = 35)**

1. Effect of food on drug disposition.
2. Pharmacogenetics and PK/PD considerations.
3. Dosing in Pediatric patients.
4. Extracorporeal removal of drugs.
5. Determinants of bioavailability.
6. TDM of cardiovascular drugs.
7. Types of dosage regimens.

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