

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

**[PHARMMD 1122]**

**NOVEMBER 2022  
(OCTOBER 2022 EXAM SESSION)**

**Sub. Code: 3813**

**PHARM. 'D' DEGREE EXAMINATION  
THIRD YEAR (2009-2010 Regulation)  
PAPER I – PHARMACOLOGY - II  
*Q.P. Code : 383813***

**Time : Three hours**

**Maximum : 70 Marks**

**I. Elaborate on:**

**(4 x 10 = 40)**

1. Classify Beta Lactam antibiotics. Describe the mechanism of action, therapeutic uses and adverse effects of Amoxicillin.
2. What is DOTS? Classify anti TB drugs with examples. Write the mechanism of action, adverse effects of Isoniazid.
3. Classify Anticoagulants. Describe the mechanism of action, therapeutic uses, adverse effects of drug interactions of Warfarin.
4. Distinguish between the processes of DNA replication in prokaryotes and eukaryotes.

**II. Write notes on:**

**(6 x 5 = 30)**

1. Describe about gene sequencing and mapping.
2. Classify the immunosuppressants and their clinical application.
3. Subacute toxicity studies.
4. Anti-platelet agents.
5. Antifungal drugs.
6. Dextran.

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