

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

**[M.PHARM 0922]**

**SEPTEMBER 2022  
(APRIL 2022 EXAM SESSION)**

**Sub. Code: 2985**

**M.PHARMACY DEGREE EXAMINATION  
SEMESTER - II (PCI New regulations 2016)  
PHARMACOLOGY - MPL  
PAPER I – ADVANCED PHARMACOLOGY - II**

*Q.P. Code : 262985*

**Time : Three hours**

**Answer ALL Questions**

**Maximum : 75 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. a) Classify anti – neoplastic agents with examples.  
b) Discuss the mechanism of action and adverse effect of Alkylating agents.
2. Explain the synthesis, storage of Insulin hormone. Write mechanism and pharmacological action of Biguanides.

**II. Write notes on:**

**(7 x 5 = 35)**

1.  $\beta$  Lactam antibiotics.
2. Oral contraceptives.
3. Write a note on drugs used in the treatment of helminthiasis.
4. Pharmacotherapy of Asthma.
5. Classify Anti Tuberculosis drug.
6. Recent advances in treatment of Parkinson's disease.
7. Non-nucleoside Reverse Transcriptase Inhibitors (NNRTI).

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