

[PHARMD 0321]

MARCH 2021

Sub. Code: 3810

(OCTOBER 2020 EXAM SESSION)  
**PHARM. 'D' DEGREE EXAMINATION**  
**SECOND YEAR (2009-2010 Regulation)**  
**PAPER IV – PHARMACOLOGY - I**  
*Q.P. Code : 383810*

**Time : Three hours****Maximum : 70 Marks****I. Elaborate on:****(4 x 10 = 40)**

1. Classify Anti-cholinergic agents. Write the manifestations and treatment in Belladonna poisoning.
2. Write with examples, biotransformation reactions involving microsomal and non-microsomal enzymes.
3. Define Hypertension and discuss in detail about pharmacotherapy of Hypertension.
4. Classify Sedative and Hypnotics and write the mechanism of Barbiturates.

**II. Write notes on:****(6 x 5 = 30)**

1. Define local Anaesthetics with examples. Write the mechanism of Lignocaine.
2. Write the mode of action of Digitalis.
3. Brief on the mechanism of action of hormonal contraceptives.
4. Write notes on Nasal decongestants.
5. Write the pharmacological actions and therapeutic uses of Oxytocin.
6. Classify Anti-histamine. Write notes on histamine receptors.

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