

[LH 0815]

AUGUST 2015

Sub.Code: 6025

B.Sc. OPTOMETRY

SECOND YEAR

PAPER IV – PHARMACOLOGY

*Q.P. Code: 806025*

**Time: Three Hours**

**Maximum : 100 Marks**

**Answer All Questions.**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. Classify Anticholinergics. Write the pharmacological action, uses and adverse effects of Atropine.
2. Explain the various routes of administration in detail with example.
3. Mention the drugs used in Local anaesthesia. Explain the mechanism of action and various techniques involved in it with example.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Write short note on Sulphonyl ureas.
2. Mention the uses and adverse effects of streptomycin.
3. Discuss in detail about Ketamine.
4. Mention the uses of diazepam in detail.
5. Write short note on Sodium cromoglycate.
6. Mention the uses of Loop diuretics.
7. Write a note on Heparin.
8. Write an account on Osmotic drugs in ocular use.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Mention the drugs used in Glaucoma.
2. Define Iatrogenic disease with example.
3. Mention the uses of Aspirin.
4. Name any four anti-viral agents.
5. Mention the uses of mannitol.
6. Mention the uses of Adrenaline.
7. Define antiseptics and disinfectants with example.
8. Name the drugs that cause ocular toxicity.
9. Mention the uses of H<sub>1</sub> antihistamines.
10. Mention the adverse effects of anticancer agents used in ophthalmic purpose.

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