

[LN 0818]

AUGUST 2018

Sub. Code: 6042

**B.Sc. OPTOMETRY**  
**THIRD YEAR**  
**PAPER II – GLAUCOMA**

*Q.P. Code: 806042*

**Time: Three Hours**

**Maximum: 100 Marks**

**Answer all questions**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. Define Intra Ocular Pressure (IOP) and explain the methods of measurement of IOP.
2. Give the various field defects in glaucoma with diagram.
3. Classify tonometer. Write in detail about applanation tonometry.

**II. Write notes on:**

**(8 x 5 = 40)**

1. What are the side effects of anti glaucoma medications?
2. Write about YAG PI.
3. Explain about Humphrey Field Analyzer.
4. Explain lens induced glaucoma.
5. Write about Beta blockers in glaucoma.
6. Explain about Ultrasound biomicroscopy (UBM).
7. Write in detail about Buphthalmos.
8. Explain about secondary glaucomas.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Write about Goldman applanation tonometer.
2. Is there a role of heredity in glaucoma? Explain.
3. Explain Optical Coherence Tomography.
4. Write about Axenfeld Rieger Syndrome.
5. List clinical features of neovascular glaucoma.
6. Write about normal Tension glaucoma.
7. List three valves used in filtering surgery.
8. Write about Congenital Glaucoma in brief.
9. Write about Pilocarpine.
10. Write about epidemiology of Glaucoma.

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