

[LQ 0220]

FEBRUARY 2020

Sub. Code: 2702

**B. OPTOM**  
(New Syllabus 2015-2016)

**FIRST YEAR**

**PAPER II – OCULAR ANATOMY AND OCULAR PHYSIOLOGY**

*Q.P. Code: 802702*

**Time: Three Hours**

**Maximum : 100 Marks**

**Answer All questions**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. Explain the visual pathway.
2. Anatomy of lacrimal system and drainage of tears.
3. Draw a diagram of crystalline lens and discuss about its anatomy.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Electro oculogram.
2. Tests for binocular single vision.
3. Write a note on the structures passing through superior orbital fissure with neat diagram.
4. Wald's visual cycle.
5. Pupillary reflexes.
6. Extraocular muscles and their actions.
7. Tests for dry eyes.
8. Surgical spaces of orbit.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Vision assessment in children.
2. Write any three tests for colour vision.
3. Cranial nerves supplying the eyeball and adnexa.
4. Parts of uveal tract.
5. Write briefly on the factors responsible for corneal transparency.
6. Bones forming the walls of orbit.
7. Layers of eyelid.
8. Angle of anterior chamber.
9. Worth four dot test.
10. Grades of binocular vision.

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