

[LM 0218]

FEBRUARY 2018

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. Write in detail about various layers of retina with labelled diagram.
2. Explain visual pathway diagrammatically and explain completely various lesions of Visual Pathway.
3. Describe anatomy of lacrimal system and drainage of tears and applied anatomy.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Write in detail about the formation of Aqueous Humour.
2. Explain Binocular vision.
3. Explain structure of lens.
4. Write the theories of colour vision.
5. Explain with diagram of visual cycle.
6. Write about levator palpebral superiolis and Orbicularis Oculi.
7. What is Entoptic phenoma?
8. Explain Accommodation.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Explain papillary reflexes.
2. Write about Macular lutea.
3. Write on vision assessment in children.
4. Explain the layers of cornea.
5. Write on contents of orbit.
6. Explain visual evoked potential.
7. Write about the tests of lacrimal tea secretion.
8. What are yolk muscles?
9. Explain various types of Vergences.
10. List out the parts of Uvea.

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