

[LN 0818]

AUGUST 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. Describe anatomy of extra ocular muscles with nerve supply, blood supply and actions.
2. Explain with diagram, the anatomy of angle of Anterior chamber of eye and maintenance of Intraocular pressure.
3. Explain the visual pathway diagrammatically. Write in detail about the course of the visual fibres.

II. Write notes on:

(8 x 5 = 40)

1. Explain the various layers of eyelids.
2. Explain Hering's Law and Sherrington's law of Innervation.
3. Explain about Wald's Visual Cycle.
4. Explain Electroretinogram.
5. Write notes on surgical spaces of Orbit.
6. Explain the various tests of colour vision.
7. Explain the various layers of cornea with diagram.
8. Name the primary, secondary and tertiary actions of superior oblique muscle.

III. Short answers on:

(10 x 3 = 30)

1. What is Presbyopia?
2. Write the Grades of Binocular Vision.
3. Write about dark adaptation.
4. Explain Schirmer test I and II.
5. What is macula lutea?
6. Explain the vision assessment in children.
7. Explain pupillary reflexes.
8. What is Blepharospasm?
9. Write the dioptric power of eyeball lens and cornea.
10. Write on various eye movements of the eyelids.
