

[LI 0216]

FEBRUARY 2016

Sub. Code: 1531

DIPLOMA IN OPTOMETRY TECHNOLOGY
(New Syllabus 2014-2015)

FIRST YEAR

**PAPER I – OCULAR ANATOMY, OCULAR PHYSIOLOGY, OCULAR
PHARMACOLOGY, OCULAR MICROBIOLOGY**

Q.P. Code : 841531

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. Layers of retina.
2. Production and drainage of aqueous humor.
3. Methods of sterilization.

II. Write notes on:

(10 x 5 = 50)

1. Structures in the angle of anterior chamber.
2. Anatomy of choroid.
3. Extraocular muscles.
4. Nerve supply to the eye.
5. Functions of tears.
6. Advantages of binocular vision.
7. Ocular reactions to systemic medications.
8. Drug delivery methods.
9. Gram staining procedure.
10. Disinfection.

III. Short answers on:

(10 x 2 = 20)

1. Parts of crystalline lens.
2. What is limbus?
3. Bones in the orbit.
4. Muscles used for opening and closing eyes.
5. Tests for color vision.
6. Accommodation.
7. Common drugs used in treatment of glaucoma.
8. Name 2 antibiotics in ophthalmic use.
9. Asepsis.
10. Chemical sterilization.
