

DIPLOMA IN OPTOMETRY TECHNOLOGY
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. Anatomy and blood supply of retina.
2. Development of eyeball.
3. Detailed structure of visual pathway.

II. Write notes on:

(10 x 5 = 50)

1. Intrinsic muscles of eye.
2. Viral conjunctivitis.
3. Steroid in ocular medicine.
4. Colour blindness.
5. Color vision test.
6. Anatomy of lens.
7. Uses of cycloplegics.
8. Optic chiasma anatomy.
9. Physiology of Accommodation.
10. Visually evoked potential.

III. Short answers on:

(10 x 2 = 20)

1. Staphylococci.
2. Optic vesicle.
3. Various layers of cornea.
4. Name two alpha agonist used in glaucoma treatment.
5. Draw rhodopsin cycle.
6. Three stages of binocular single vision.
7. Name various visual perceptions.
8. Draw diagram of pupillary light reflex.
9. Name blood supply of conjunctiva.
10. Name the intraocular muscles.
