

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 of retina.
2. Describe the anatomy of lacrimal apparatus with a diagram.
3. Discuss in detail about the various methods involved in sterilization, disinfection and antisepsis.

II. Write notes on:

(10 x 5 = 50)

1. Theories of color vision.
2. Anti fungals in ophthalmology.
3. Autoclave.
4. What is cataract? Discuss in detail about causes of cataract and methods of correction.
5. Enumerate the toxins released by staphylococci and various diseases caused by staphylococci.
6. Nerve supply to the eye.
7. Drug delivery methods.
8. Tonometry.
9. Notes on drug excretion.
10. Write about types of medium.

III. Short answers on:

(10 x 2 = 20)

1. Hypermetropia.
2. Function of rods and cones.
3. Name two gram positive cocci.
4. Levator palpebrae superioris muscle.
5. Mention the grades of BSV.
6. Common drugs used in treatment of glaucoma.
7. Bones in the orbit.
8. Macula lutea.
9. AC/A ratio.
10. Relative Afferent Pupillary Defect.