

**DIPLOMA IN OPHTHALMIC NURSING ASSISTANT
FIRST YEAR**

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

Q.P. Code: 841631

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. Ocular movements and its significances.
2. Anatomy of anterior chamber of eye.
3. Visual path way.

II. Write notes on:

(10 x 5 = 50)

1. Aqueous humour.
2. Anatomy of eye lid.
3. Corneal anatomy.
4. Physiology of accommodation and convergence.
5. Colour vision.
6. Visual acuity.
7. Muscles of iris and its action.
8. Anatomy of lens.
9. Rods and cones.
10. Mydriatics and miotics.

III. Short answers on:

(10 x 2 = 20)

1. Topical anesthesia.
2. Bones of orbit.
3. Physiology of blinking movements.
4. Anatomy of macula.
5. Corneal endothelium.
6. Optic chiasma.
7. Uveal scleral out flow.
8. Lacrimal sac.
9. Trochlear nerve.
10. Dark adaptation.