

[LJ 0816]

AUGUST 2016

Sub. Code: 1501

**DIPLOMA IN OPTOMETRY TECHNOLOGY**

**FIRST YEAR**

**PAPER I – OCULAR ANATOMY AND PHYSIOLOGY**

*Q.P. Code : 841501*

**Time: 3 Hours**

**Maximum: 100 Marks**

**Answer all Questions**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. Anatomy of uvea.
2. Describe the secretion and drainage of aqueous humour.
3. Describe the secretion and drainage of tears.

**II. Write notes on:**

**(10 x 5 = 50)**

1. Intra ocular pressure.
2. Extra ocular muscles.
3. Pupillary reflex.
4. Layers of cornea.
5. Levator palpebrae superioris muscle.
6. Optic nerve.
7. Vitreous humour.
8. Visual pathway.
9. Factors responsible for corneal transparency.
10. Physiology of accommodation.

**III. Short answers on:**

**(10 x 2 = 20)**

1. Optic chiasm.
2. Naso lacrimal duct.
3. Colour vision.
4. Limbus.
5. Lacrimal sac.
6. Pupillary reflex.
7. Fusion.
8. Visual acuity.
9. Anterior chamber.
10. Conjunctiva.

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