

[LD 0212]

AUGUST 2013
DIPLOMA IN OPTOMETRY TECHNOLOGY
FIRST YEAR
PAPER I – OCULAR ANATOMY & PHYSIOLOGY
Q.P. Code : 841501

Sub. Code: 1501

Time: 3 hours

Maximum: 100 marks

Answer all Questions

I. Elaborate on: **(3x10=30)**

1. Trace the visual pathway
2. Dimensions, layers and histology of cornea
3. Photochemical changes occurring in retina when light falls on retina

II. Write notes on: **(10x5=50)**

1. Anatomy of ciliary body
2. Anatomy of vitreous humour
3. Origin, insertion, and nerve supply of levator palpebrae superioris
4. Distance correction of Snellen's test
5. Visually evoked potential
6. Tests for contrast sensitivity
7. Physiology of aqueous humour formation
8. Binocular eye movements
9. Grades of binocular single vision
10. Functions of lid

III. Short answers on: **(10x2=20)**

1. What is ora-serata?
2. What is Tenon's capsule
3. What is posterior chamber
4. Actions of inferior oblique muscle
5. What is intra ocular pressure?
6. Near vision acuity tests
7. Circulations of tears
8. What is palpebral fissure?
9. What is scotopic vision
10. Insertions of recti muscles with respect to limbus
