

[LD 0212]

AUGUST 2013

Sub. Code: 1511

DIPLOMA IN OPTOMETRY TECHNOLOGY

SECOND YEAR

PAPER I – OPTOMETRIC OPTICS, CONTACT LENSES, LOW VISION AIDS

Q.P. Code : 841511

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I Elaborate on

3 x 10 = 30

1. Spectacle frame materials, their merits and demerits
2. Classification of Contact lenses
3. Indications and contraindications of contact lenses

II Write notes on

10 x 5 = 50

1. Materials used for making lenses
2. Progressive lenses
3. Auto reflective coating
4. Datum system
5. Lens decentration
6. Properties of Contact lens materials
7. Effect of Contact lens on corneal nutrition
8. Nomenclatures associated with contact lens design. Substantiate with diagram
9. Categories of Low vision
10. Optical Low vision aids.

III Write short answers on

10 x 2 = 20

1. Properties of an ideal lens material
2. Instrument to measure visual axis distance
3. Surface defects
4. Types of contact lenses
5. Define low vision
6. Blindness
7. Effects of low vision on the individual
8. Define magnification. What are the types of magnification?
9. CCTV
10. Angular Magnification
