

[LB 0212]

AUGUST 2012

Sub. Code: 1511

**DIPLOMA IN OPTOMETRY TECHNOLOGY
SECOND YEAR**

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

Q.P. Code : 841511

Time : Three hours

Maximum : 100 marks

(180 Mins) Answer ALL questions in the same order.

I. Elaborate on:

**Pages Time Marks
(Max.)(Max.)(Max.)**

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|---|---|----|----|
| 1. Discuss how a doctor decides on which type of lens would the patient benefit the most. | 7 | 20 | 10 |
| 2. Define Legal blindness and discuss low vision. | 7 | 20 | 10 |
| 3. Basic Principles in contact Lens. | 7 | 20 | 10 |

II. Write notes on:

- | | | | |
|---|---|---|---|
| 1. Inter-Pupillary distance: Its importance. | 4 | 9 | 5 |
| 2. How to Adjust eye glasses. | 4 | 9 | 5 |
| 3. Centering of the lenses. | 4 | 9 | 5 |
| 4. How can you help your Aphakic patient to choose glasses. | 4 | 9 | 5 |
| 5. Care of contact lenses. | 4 | 9 | 5 |
| 6. Extended wear contact lenses. | 4 | 9 | 5 |
| 7. Keratoconus contact lens fitting. | 4 | 9 | 5 |
| 8. Corneal problem associated with contact lens wearer. | 4 | 9 | 5 |
| 9. Magnification consideration in low vision devices. | 4 | 9 | 5 |
| 10. High-plus addition lens in low vision. | 4 | 9 | 5 |

III. Short Answers on:

- | | | | |
|---|---|---|---|
| 1. Base Curve. | 1 | 3 | 2 |
| 2. Plastic Lenses. | 1 | 3 | 2 |
| 3. Problem caused by misaligned or improper frame size. | 1 | 3 | 2 |
| 4. What is retroscopic tilt? | 1 | 3 | 2 |
| 5. Soft Lenses: Describe. | 1 | 3 | 2 |
| 6. Therapeutic contact lenses. | 1 | 3 | 2 |
| 7. Giant Papillary conjunctivitis (GPC). | 1 | 3 | 2 |
| 8. Contra-indication for contact lenses. | 1 | 3 | 2 |
| 9. Telescope. | 1 | 3 | 2 |
| 10. Stand magnifier. | 1 | 3 | 2 |
