

[LH 0815]

AUGUST 2015

Sub.Code :6044

**B.Sc. OPTOMETRY**  
**THIRD YEAR**  
**PAPER IV – DISPENSING OPTICS**  
*Q.P. Code: 806044*

**Time: Three Hours**

**Maximum : 100 Marks**

**Answer All questions**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. Tinted lenses.
2. ANSI standards.
3. Write in details about spectacle lens manufacturing.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Polarizing lenses.
2. Write about Aspheric lenses.
3. Write about solid bifocals.
4. Ophthalmic filters.
5. IPD.
6. Write about optics of PAL's.
7. Advantages and Disadvantages of PAL's.
8. Ghost Images.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Air blower.
2. Advantages of high index lenses.
3. Temple construction.
4. Abbe value.
5. What is Pantoscopic Tilt?
6. Optical density.
7. Fused bifocals.
8. Name the plastic frame materials.
9. Difference between hard design and soft design in PAL's.
10. Air blower.

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