

[LI 0216]

FEBRUARY 2016

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. Write about progressive lenses and its fitting.
2. IPD measurement.
3. Tinted lenses.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Write about types of glass materials.
2. Polarizing lenses.
3. Bifocal types based on segments shape.
4. Write about optical centre making.
5. Define Abbe value. Write about significance of abbe value.
6. Advantages and disadvantages of progressive lenses.
7. Write about form of lenses.
8. Pupilometer.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Pantoscopic tilt.
2. Air blower.
3. What is specific gravity?
4. Temple construction.
5. Contraindication for PAL's.
6. Name the plastic frame materials.
7. Optical density.
8. Error in power of lens.
9. Pliers.
10. Advantages of high index lenses.

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