**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. Defects occurring during manufacturing process.
2. Fitting of progressive lenses.
3. IPD Measurement.

**II. Write notes on:**                                                    (8 x 5 = 40)

1. Tinted lenses.
2. Bifocal types.
3. Optic centre marking.
4. Special purpose frames.
5. Polarizing lenses.
6. Pliers.
7. Safety wear.
8. Error of power of lenses.

**III. Short answers on:**                                              (10 x 3 = 30)

1. Air blower.
2. Bridge area of spectacles.
3. Optical density.
4. Side shields.
5. Pantoscopic tilt.
6. Advantages of high Index lens.
7. Specific Gravity.
8. Name the metal frame materials.
9. Errors in power of lens.
10. Ophthalmic filters.

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