

[LO 0519]

MAY 2019

Sub. Code: 1612

**M. OPTOM EXAMS
SECOND YEAR
PAPER II – EVIDENCE BASED OPTOMETRY**

Q.P. Code: 281612

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe in detail on the frame and facial measurements.
2. Briefly explain on 4 types of bifocals. Write in detail on the segment terminologies used in bifocals with diagram.

II. Write notes on:

(10 x 6 = 60)

1. Methods for Inspection of lenses.
2. Individual batch method in glass lens manufacturing.
3. What are the optical properties of plastic lenses – CR 39?
4. Detail on the process of surfacing in finished lenses.
5. Give the types of hardening of lenses.
6. Explain on Lens mounting in detail with diagram.
7. What are symmetric PAL?
8. Explain on harmful effects of IR radiation on eye.
9. Write in detail on the advantages of polarising filter.
10. Write on Abbe number of lenses.
