

QP CODE: 101388

Reg. No:.....

**First Year Master of Optometry Degree Supplementary Examinations
May 2022**

Advanced Contact Lens Studies - I

Time: 3 Hours

Total Marks: 80

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay

(20)

1. Write in detail about different components in the care and maintenance system. Describe in detail about various disinfection systems used for contact lenses.

Short Essays

(6x10=60)

2. Tabulate soft contact lens materials and its Properties . Write in brief about different manufacturing techniques of soft contact lens.
3. Define specular reflection technique and mention its uses.
4. Describe wettability and mention its significance. Name different methods to measure lens wettability. Explain any one briefly.
5. Define microbial keratitis. Write in detail about its sign, symptom, etiology and management.
6. What is reference mark in soft toric contact lenses.
7. Epithelial and stromal changes of cornea due to hypoxia.
