

QP CODE: 101388

Reg No:.....

**First Year Master of Optometry Degree Regular/Supplementary
Examinations January 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. Define trial and empirical contact lens fitting and compare. Describe in detail about static and dynamic fit assessment for a RGP contact lens. Mention fitting criteria for steep, flat and optimum fit.

Short Essays

(6x10=60)

2. Write briefly on enzymatic cleaners and explain procedures to be followed on after care visit in contact lens clinic.
3. Write in detail about different anterior segment evaluation and grading techniques
4. What are the Do's and Don'ts of contact lens practice. Explain the problems caused by noncompliance.
5. Briefly explain the sources of corneal oxygen in detail. Write corneal oxygen demand for daily and extended wear contact lens. Explain corneal changes due to hypoxia. What are the reasons that can lead to hypoxic related changes in cornea.
6. Write note on:
 - CLARE • SEAL
7. Write briefly on lipid deposits. What is the importance of knowing about deposits for contact lens practitioner.
