

Q.P. Code: 201388

Reg. No:.....

**Second Year Master of Optometry Degree Regular Examinations
October 2019**

Advanced Contact Lens Studies – Part II

Time: 3 hours

Max Marks: 80

- **Answer all the questions**
- **Draw diagrams wherever necessary**

Essay:

(20)

1. Elaborate on the stabilization methods of toric soft contact lenses. Give examples. A University student has approached you for contact lenses. His refraction is OD: 6.00/-3.00 x 170, OS: -0.25 DS. A trial contact lens of -5.00/-2.00 x 10 is inserted in his right eye and rotates 20 degrees anticlockwise. Detail on the contact lens options, fit assessment methods, finalization of prescription and dispensing for this patient. (10+10)

Short Essay:

(6x10=60)

2. List the indications for pediatric contact lenses. Explain in detail on the pre fitting considerations and lens availability in current market.
3. Discuss on the common post orthokeratology topographies
4. List the causes for ectatic cornea. Write on the signs and classification of keratoconus. Discuss on the RGP fitting philosophies in keratoconus
5. What are the main aims of therapeutic contact lenses. Brief on the essential fitting and dispensing guidelines. List four conditions in which bandage contact lens is used for pain relief
6. What are the contact lens options for aphakia. Discuss on the lens fitting considerations and after care in a bilateral aphake of 50 years.
7. Different steps involved in fitting scleral contact lenses. What is an ideal fit for scleral lens
