

Q.P. Code: 201388

Reg. No:.....

Second Year Master of Optometry Degree Examinations

December 2016

ADVANCED CONTACT LENS STUDIES – PART II

Time: 3 hours

Max Marks: 80

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

Essay:

(20)

1. A patient wants to wear the contact lenses for the first time. His refraction details are

RE: -2.00 DS / -1.75 DC x 180.(6/6 and N6).

LE: -1.50 DS / - 4.25 DC x 180. (6/6 and N6).

What are the possible types of contact lenses you would advise for this patient.

Explain in detail with fitting techniques and assessment for each type.

Short Essay:

(6x10=60)

2. Explain the contact lens fitting procedures involved in a pediatric aphakic patient with an example.
3. Explain in detail about trouble shooting involved in post ortho K fitting.
4. Discuss the various types of presbyopic contact lenses and mention pros and cons of each variety.
5. Explain the detailed fitting technique and various fluorescein patterns involved for a keratoconus patient fitted with a rose K lens.
6. Brief about the role of contact lenses in a patient with corneal ulcer and explain the physiology involved in it.
7. Enumerate the difference between extended wear contact lenses and continuous wear contact lenses. How does a contact lens enhance the quality of life for a color vision deficient person.
