

Q.P. Code: 201388

Reg. No:.....

Second Year Master of Optometry Degree Examinations October 2017

ADVANCED CONTACT LENS STUDIES – PART II

Time: 3 hours

Max Marks: 80

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

Essay:

(20)

1. A 45 years old medical doctor wearing soft contact lenses since 12 years. Her contact lens powers in right and left eyes are -6.00 DS and -5.00 Ds respectively. Patient developed intolerance to hydrogel lenses and patient is not willing to shift to spectacles. Explain in detail about the possible management options and procedures involved in this case.

Short Essay:

(6x10=60)

2. Write in detail about Orthokeratology.
3. Discuss the fitting procedure of Piggy back contact lens and discuss prosthetic contact lenses.
4. Write in detail about the guidelines to fit contact lenses for pediatric age group.
5. What are the indications of silicon hydrogel lens. Give four advantages of silicon hydrogel over hydrogel contact lenses and give three differences between daily wear and extended wear contact lens.
6. Write about correcting astigmatism with contact lenses.
7. Enumerate the advantages and disadvantages of scleral lenses and corneal lenses.
