

QP CODE: 101388

Reg No:.....

First Year Master of Optometry Degree Examination – October 2016

ADVANCED CONTACT LENS STUDIES - I

Time: 3 Hours

Total Marks: 80

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(20)

1. Describe silicon hydrogel as a contact lens material. Write in detail about its different generations with examples. Write about available silicon hydrogel contact lens in Indian Market with its properties."

(12+8=20)

Short Essays

(6x10=60)

2. Discuss about different maps and scales used in corneal topographer. Add a note on different corneal topographers. (6+4=10)
3. Define trial and empirical contact lens fitting. Describe different components of dynamic and static fitting for a RGP contact lens. (3+7=10)
4. Describe multipurpose solution for soft and RGP contact lens. Describe about hydrogen peroxide system with appropriate example. (10)
5. Suppose you are appointed as a contact lens consultant in a renowned hospital and you are given responsibility to enhance contact lens practice. Chart your plan of action in detail. (10)
6. Explain in detail about CLPU and CLPC contact lens complications and mention your plan of management (5+5=10)
7. Explain the following with suitable examples- (5+5=10)
 - FDA classification for hydrogel contact lens
 - Wear modalities and lens replacement schedule
