

QP CODE: 101388

Reg. No:.....

**First Year Master of Optometry Degree Supplementary Examinations
April 2018**

ADVANCED CONTACT LENS STUDIES - I

Time: 3 Hours

Total Marks: 80

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(20)

- A 30 years old IT professional visited your clinic with a refractive error of
1. +2.00 D sph in right eye and -1.00 D sph in left eye . What all assessment will you perform before fitting contact lens and describe the availability of lenses which can be dispensed for the patient."

Short Essays

(6x10=60)

2. Discuss the problems associated with poly methyl methacrylate contact lens wear. How do you manage a case of spectacle blur. (7+3)
3. Write in detail about different corneal refractive procedures
10
4. Tabulate different contact lens complications
5. Mention different instruments used for pre fitting assessment in a contact lens patient. (7+3)
6. How does contact lens wear affect the physiology of the cornea. What is the role of oxygen permeability of contact lens materials.
7. Discuss hydrogel contact lenses, its advantages and disadvantages.
