

Q.P. Code: 201388

Reg. No:.....

**Second Year Master of Optometry Degree Supplementary
Examinations May 2024**

Advanced Contact Lens Studies – Part II

Time: 3 hours

Max Marks: 80

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay: (20)

1. Write the following questions:

- Describe five important clinical signs which can be seen in keratoconus
- Describe possible differential diagnosis
- Describe any one diagnostic criteria for keratoconus
- Mention how you will manage keratoconus with the following lens options
 - Spherical RGP contact lens
 - Rose K2 contact lens

(5+3+4+8)

Short Essay: (6x10=60)

- Describe about a commercially available mini scleral contact lens design with example. Describe vault and mention its significance. Comment about care maintenance and risk of complication in scleral contact lens practice.
- Describe in detail about contact lens management option post penetrating keratoplasty.
- Describe recurrent corneal erosion and explain how you would like to select bandage contact lens for such condition. How you would like to plan care and maintenance and follow up for the above condition.
- Write in detail about different monovision contact lens fitting. Describe modified monovision
- Write on classifications of soft contact lens according to Lens wear modalities and replacement schedule with examples available in Indian market. Describe the dk/t criteria for daily and extended wear contact lens.
- Write your opinion regarding orthokeratology and myopia control. Explain different topography patterns post orthokeratology. Describe the adverse responses related to orthokeratology.
