

QP CODE: 101388

Reg. No:.....

**First Year Master of Optometry Degree Regular/Supplementary
Examinations January 2023**

Advanced Contact Lens Studies - I

Time: 3 Hours

Total 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. A 26 Year Old Patient Came to your clinic with a refractive correction of OD: -6.75D Sph/-0.25D cylX300 and OS: -7.00D Sph. The Patient is an IT Professional who would like to try on contact lens. Write in detail about the pre and post fitting evaluation for the patient. What are the available Options for the same Patient? What are the factors to be considered while fitting contact lens in the patient?"

OD: -5.00/-0.75x90, 6/6; K1:7.55mm, K2:7.65mm

OS: -6.50DS, 6/6; K1:7.80mm, K2: 7.80mm

OU: HVID: 11.80mm

OU: Near Add: +1.75 DS

Short Essays

(6x10=60)

2. 18-year-old female with subjective refraction of OU: - 4.00/-1.50 x 180 6/6, N6, insist for GP lens. Write the detailed procedure you would carry to finalize the lens for her to be ordered.
3. Write down FDA classification for soft contact lens .Tabulate The manufacturing techniques of Soft Contact Lens.
4. Write in detail about RGP and Soft lens fitting Philosophies.
5. Wettability of material, its significance and methods to check.
6. Write in detail about contact lens complications.
7. Explain required fitting modification of RGP contact lenses in case of high riding, Low riding lens fitting during trial.
