Q.P. Code: 201388 **Reg. No:……**

Second Year Master of Optometry Degree Regular/Supplementary Examinations November 2025

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 in detail about scleral contact lens
    a) Describe the important indications for scleral contact lens fitting
    b) Write in detail about your fit evaluation technique for a full diameter scleral contact lens.
    c) Describe three common complications due to scleral contact lens wear.
    d) Mention the care and maintenance for scleral contact lens (3+7+5+5)

Short Essay: **(6x10=60)**

2. Write a note on the contact lens fitting in 3-month-old new born baby who was referred to you after uniocular cataract surgery
3. Explain contact lens design used in orthokeratology. Describe Munnerlyn formula with example. Explain with diagram about ideal fluorescein pattern of a well fitted orthokeratology lens
4. Mention different possible reasons for poor visual quality with soft toric contact lenses. List the reasons and what could be the best action plan for each of them. Explain in detail three newest toric lens stabilization techniques with example.
5. Define modified and enhanced monovision correction. Describe in detail about translating bifocal contact lens fitting.
6. What is transparent and opaque tinted contact lens. Describe two tinting process of making transparent tinted contact lens. Give overview of two cosmetic soft contact lenses available in Indian market and mention their specification
7. Classify and write different types of colour vision defects. Write about newly developed procedures for colour vision assessment. Write a note on different contact lenses which can be used for patients with colour vision deficiencies.

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