

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0921]

**SEPTEMBER 2021
(MAY 2021 EXAM SESSION)**

Sub. Code: 1623

**M.OPTOM
FIRST YEAR (From 2018-2019 onwards)
PAPER III – ADVANCED CONTACT LENSES - I
*Q.P. Code : 281623***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate notes on:

(2 x 20 = 40)

1. Explain in brief on static and dynamic fitting for RGP.
2. Explain in detail indication and contraindication of different contact lenses.

II. Write Short Notes on:

(10x6 = 60)

1. Define “tear lens”. Write about the role of tear film and tear lens in soft and rigid contact lens fitting.
2. Explain FDA classification of soft contact lens material.
3. What is a contact lens care system? Write about the various ingredients and their actions.
4. Explain the fitting and assessment of mini sclera.
5. Explain and short notes on a) CLPC, b) CLARE, c) CLPU, d) SEAL.
6. Explain the rigid contact lens insertion and removal techniques.
7. Silicone hydrogel contact lenses – properties, advantages and disadvantages.
8. Define the parameters sagittal depth, total diameter and base curve. Explain the relationship between them with diagrams.
9. Explain slit lamp examination methods for contact lens practice.
10. Presbyopia management with contact lens.
