

THE TAMIL NADU M.G.R. MEDICAL UNIVERSITY

[AHS 0523]

MAY 2023

Sub. Code: 1632

**M.OPTOM
SECOND YEAR (From 2020–2021 onwards)
PAPER II – ADVANCED CONTACT LENSES – II**

Q.P. Code: 281632

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate notes on:

(2 x 20 = 40)

1. What are the different options of myopia control with contact lenses?
2. What are the routine steps to be followed while fitting an RGP CL, Soft CL? Write out a proforma for fitting the contact lenses. Give an example.

II. Write Short Notes on:

(10 x 6 = 60)

1. Dos and Don'ts in Soft CL use.
2. Importance of Dk value in CL fitting.
3. Components of a soft contact lens care solution with example.
4. What are corneal GP lenses, mini sclera lenses and scleral lenses?
5. Indications for contact lenses in Children.
6. Contact lenses in presbyopia- what are the options?
7. Explain the relationship between changes in Base Curve, Diameter and Power of an RGP lens modification.
8. What are extended wear lenses?
9. How would you measure very flat or very steep corneas with the keratometer?
10. When is it advisable to fit contact lenses on a patient who has undergone a corneal procedure?
