

[LL 1017]

OCTOBER 2017

Sub. Code: 1615

**M. OPTOM EXAMS
SECOND YEAR
PAPER V – CONTACT LENS – II**

Q.P. Code: 281615

Time: Three hours

Maximum: 100 Marks

I. Elaborate on: **(2 x 20 = 40)**

1. Contact lens solutions – composition, necessity and advantages.
2. Identification, differential diagnosis and management of patient problems regarding contact lens.

II. Write notes on: **(10 x 6 = 60)**

1. Types of fit in Toric Cornea with Toric lens.
2. Soft contact lens fit assessment.
3. Lens care systems for soft contact lens.
4. Soft contact lens designs.
5. Bi focal and Multi focal lens.
6. Special contact lens design.
7. Steps and significance of pre fitting in soft contact lens.
8. Cosmetic contact lens.
9. Trial set method.
10. Ortho – Keratology.

[LM 0518]

MAY 2018

Sub. Code: 1615

**M. OPTOM EXAMS
SECOND YEAR
PAPER V – CONTACT LENS – II**

Q.P. Code: 281615

Time: Three hours

Maximum: 100 Marks

I. Elaborate on: **(2 x 20 = 40)**

1. A 40 years old male has a refractive error of OD:- $-3.00/-1.25 \times 180^\circ$ OS:- $-5.00/-3.00 \times 90^\circ$. Give an example of K reading for this refraction. Explain the lens options advantages and disadvantages to the patient and prescribe the best.
2. Discuss in detail the ideal fitting for a RGP lens with specific instruction of maintenance of the lens.

II. Write notes on: **(10 x 6 = 60)**

1. Ideal soft contact lens fitting.
2. Fluroscein pattern in RGP lens.
3. Care of soft contact lens.
4. Steps of toric lens fitting.
5. Piggyback lens.
6. Correction of astigmatism with contact lens.
7. Relevant history to select new contact lens patient.
8. Acanthamoeba Keratitis.
9. Manufacturing techniques of soft contact lens.
10. Special contact lens design.

[LN 1018]

OCTOBER 2018

Sub. Code: 1615

**M. OPTOM EXAMS
SECOND YEAR
PAPER V – CONTACT LENS – II**

Q.P. Code: 281615

Time: Three hours

Maximum: 100 Marks

I. Elaborate on: **(2 x 20 = 40)**

1. What are possible complications that are possible due to soft and soft toric lens ill fit (List not less than four complications)? Explain the cause and management of the complication.
2. Role of tear lens in correction of astigmatism. Explain different fluorescein patterns achieved with RGP. Explain indications of spherical conventional RGP, Front surface toric RGP, back surface toric rgp.

II. Write notes on: **(10 x 6 = 60)**

1. Different myopia control management methods.
2. Presbyopia management with contact lens.
3. Lens modification methods and parameters changes with RGP contact lens.
4. Differences between correcting high astigmatism with RGP and soft toric lenses in terms of vision, health and comfort.
5. Importance of preliminary assessment in soft contact lens fitting and choice of lens.
6. Explain the fitting process of a soft toric lens.
7. List and explain how you will select type of lens choice in early to advanced keratoconus?
8. List indication and fitting of bandage contact lens.
9. Explain the detailed history required for the new contact lens patient and old contact lens patient.
10. Explain compliance related complications in Cl wear.

[LO 0519]

MAY 2019

Sub. Code: 1615

**M. OPTOM EXAMS
SECOND YEAR
PAPER V – CONTACT LENS – II**

Q.P. Code: 281615

Time: Three hours

Maximum: 100 Marks

I. Elaborate on: **(2 x 20 = 40)**

1. Explain in detail about history taking, preliminary examination and ocular measurements to be taken before fitting Contact lens to a patient.
2. Compare soft & RGP lenses. Explain different fluorescein patterns achieved with RGP & how would you determine whether a fit is ideal.

II. Write notes on: **(10 x 6 = 60)**

1. Orthokeratology.
2. Causes of CLARE.
3. Tear lens in correction of astigmatism.
4. Rose k lenses.
5. LARS rule.
6. Methods to stabilise toric lens.
7. Instruments used to study the corneal topography.
8. Bandage contact lens.
9. Presbyopia management with contact lens.
10. Dk value and it's significance.

[LP 1019]

OCTOBER 2019

Sub. Code: 1615

**M. OPTOM EXAMS
SECOND YEAR
PAPER V – CONTACT LENS – II**

Q.P. Code: 281615

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Lens checking for soft and rigid contact lenses.
2. Therapeutic contact lens and its clinical uses.

II. Write notes on:

(10 x 6 = 60)

1. Lens deposits.
2. Therapeutic and protective applications of scleral lenses.
3. Contact lens options of keratoconus.
4. Orthokeratology.
5. Contact lens solutions.
6. Contact lens and myopia progression.
7. Contact lens for sports persons.
8. Presbyopia management with contact lens.
9. Indications and fitting of bandage contact lens.
10. Soft contact lens after radial keratotomy.
