

B.OPTOM
(New Syllabus 2015-2016)

THIRD YEAR

PAPER III – LOW VISION AIDS AND CONTACT LENS

Q.P. Code: 802723

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. Write in detail about contact lens fitting options in keratoconus patient.
2. What are the parameters required and the fitting assessment of an RGP lens?
3. Explain about different types of low vision devices.

II. Write notes on:

(8 x 5 = 40)

1. Types of magnification used in low vision.
2. Albinism and its implications in low vision.
3. Fitting of soft toric lenses.
4. Classification of contact lens.
5. Typoscope.
6. Instruction given for a first time contact lens wear.
7. Complications seen in RGP lens wear.
8. Soft contact lens material.

III. Short answers on:

(10 x 3 = 30)

1. Define low vision according to WHO.
2. Three difference between Galilean and kapelerian telescope.
3. Define oxygen transmissibility.
4. What is water content?
5. What happens to accommodation and convergence in a contact lens wear?
6. List two indication of bandage contact lens wear.
7. List three advantage of lenses that have iconicity.
8. What is monovision?
9. Name three ways of disinfecting contact lenses.
10. Name three methods for stabilization technique for toric lenses.
