

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 indication and contraindication of contact lens use.
2. Selection criteria and evaluation of trial lens fitting of soft contact lens.
3. Enumerate common disease condition leading to low vision. explain about the problems and management of optic atrophy, cataract, myopic degeneration.

II. Write notes on:

(8 x 5 = 40)

1. Contact lens fitting in Aphakia.
2. Define magnification and explain the different types of magnification.
3. Properties of ideal contact lens.
4. Define glare. Explain about the types of glare.
5. Write in detail about stabilization technique in soft toric contact lens.
6. Cosmetic contact lenses.
7. Optics of contact lenses.
8. Therapeutic contact lenses.

III. Short answers on:

(10 x 3 = 30)

1. Define oxygen permeability.
2. Properties of contact lens solution.
3. Contact lens fitting in children.
4. Define legal blindness.
5. List out common low vision disorder leading to peripheral vision loss.
6. Bi optic Telescope.
7. Name the deposits on soft contact lens.
8. Extended contact lens.
9. What is hybrid contact lens?
10. Define bandage contact lens.