

[LM 0218]

FEBRUARY 2018

Sub. Code: 6046

B.Sc. OPTOMETRY

THIRD YEAR

PAPER VI – CONTACT LENS

Q.P. Code: 806046

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. Indications and Contraindications of contact lens use.
2. Fitting procedure of soft contact lens and evaluation.
3. Discuss about the corneal complications of contact lens.

II. Write notes on:

(8 x 5 = 40)

1. Find out the contact lens power for following prescriptions (vertex distance = 14 mm)
 - a) -5.00 DSPH
 - b) +10.00 DSPH
2. Write about the stabilization techniques in soft toric contact lens.
3. Define keratoconus. Write about the contact lens fitting in keratoconus patients.
4. Write about accommodation and convergence with contact lens.
5. Optics of contact lenses.
6. Properties of an ideal contact lens material.
7. Cosmetic contact lenses.
8. Extended wear lenses.

III. Short answers on:

(10 x 3 = 30)

1. Define Contact lens.
2. What is Multi Purpose Solutions?
3. Define oxygen permeability.
4. Acanthamoeba keratitis.
5. Indications for toric lens.
6. LARS rule.
7. Water content of a contact lens.
8. Bifocal contact lenses.
9. Define Bandage contact lens.
10. Conjunctival complications of contact lens.
