

[LN 0818]

AUGUST 2018

Sub. Code: 6066

**B.Sc. OPTOMETRY**

**THIRD YEAR**

**PAPER VI – CONTACT LENS**

*Q.P. Code: 806066*

**Time: Three Hours**

**Maximum: 100 Marks**

**Answer all questions**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. Write in detail about soft contact lens care and maintenance.
2. Discuss about contact lens solutions, their properties and uses.
3. Write in detail about toric contact lens patient selection, fitting considerations and its evaluations.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Write about advantages of contact lens over spectacles.
2. Write classification of contact lens.
3. Contact lens fitting in astigmatism.
4. Write about Disposable contact lenses.
5. Optics of contact lenses.
6. Selection of a patient for contact lens fitting.
7. Contact lens materials.
8. Corneal anatomy with diagram.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Contact lens options for keratoconus patients.
2. Write the parts of contact lens.
3. What is Hybrid contact lens?
4. Fitting contact lens in nystagmus.
5. Properties of contact lens solutions
6. Explain: HEMA
7. Causes of decentration of soft contact lens.
8. Types of rigid lenses.
9. Parameters for good fitting of contact lens.
10. How do you examine the tear film quality?

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