

**B.Sc. (Hons.) IN OPTOMETRY AND
OPHTHALMIC TECHNIQUES
(BSCHOT)**

Term-End Examination

June, 2017

BOS-011 : CONTACT LENS

Time : 3 hours

Maximum Marks : 70

PART - A

Attempt any five questions. Each question carries 10 marks.

1. Describe the steps of Rigid Gas permeable contact lens fitting. 10
2. Explain the indication and contra - indications for soft contact lenses. 10
3. Describe the fitting of SOFT TORIC contact lenses. 10
4. Explain the oxygen supply to Cornea during contact lens wear in open and closed eye conditions. 10
5. Explain the direct illumination technique in slit lamp examination. 10

6. Write the causes, symptoms and management of contact lens induced complications in relation to the following : 5+5=10
- (a) Corneal edema
 - (b) Microbial keratitis
7. Name various types of contact lenses and their fitting technique in keratoconus. 10

PART - B

8. Write short notes on **any four**. Each carries 5 marks. 5x4=20
- (a) Lathe cutting contact lens manufacturing technique.
 - (b) Components of contact lens solutions
 - (c) Silicons Hydrogels
 - (d) Tear Break up Time (TBUT)
 - (e) FDA Classification of soft lenses
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