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

Term-End Examination

December, 2017

BOS-011 : CONTACT LENS

Time : 3 hours

Maximum Marks : 70

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- Note :** (i) *Attempt any five questions from Part A. Each question carries 10 marks.*
(ii) *Attempt any four short notes from Part B. Each short note carries five marks.*
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PART-A

1. Describe the necessary steps for fitting of spherical soft contact lenses. 10
2. Explain the mechanism of oxygen supply to cornea during contact lens wear ? 10
3. Describe the protocol for ocular examination before fitting contact lenses ? 10
4. What are silicone Hydrogels ? Describe the benefits, indications and their properties. 10
5. How would you diagnose and manage a case of contact lens induced dry eye ? 10

6. Explain Retro illumination technique in slit lamp examination. 10
7. Describe the steps involved in soft to toric lens fitting. 10

PART- B

8. Write short notes on any four of the following.
Each carries 5 marks. 5x4=20
- (a) Care and maintenance of soft contact lens.
 - (b) Role of Tear film in contact lens wear.
 - (c) Taco Test
 - (d) Classification of contact lens according to disposability.
 - (e) Fluorescein pattern in ideal Rigid Gas permeable fitting.
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