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

Term-End Examination

June, 2018

BOS-011 : CONTACT LENS

Time : 3 hours

Maximum Marks : 70

PART-A

Attempt any five questions. Each carries 10 marks.

1. Explain in detail the criteria for patient selection while fitting soft contact lenses. 10
2. Discuss about the various types of lens deposits on RGP's and Hydrogel lenses. 10
3. Define GPC. Describe in detail about its symptoms, signs and management. 2+8
4. Discuss about the Indications and Contra Indications of contact lenses. 5+5
5. Explain about the terminology used in contact lenses fitting with the help of diagrams. 10
6. Discuss about the management of a decentred RGP lens fit and lens movement along with the possible causes of patient symptoms. (In tabular form) 10

7. The power of contact lens - fluid lens required to correct the ref. error of a given eye is -3.00 Dsph. What CL power is required to correct the ref. error if the BC is : 10
- (a) On 'k'
 - (b) 1.00 D flatter than cornea
 - (c) 1.00 D steeper than cornea

PART- B

8. Attempt any five short notes. Each carries four marks. **4x5=20**
- (a) Disinfection of Contact Lenses
 - (b) Contact Lens Induced Dry Eye
 - (c) Prism Ballast
 - (d) Do's and don'ts for a contact lens wearer
 - (e) Fitting RGP lenses in keratoconus
 - (f) Tear Film Assessment
 - (g) Multifocal Contact Lenses
 - (h) Contact lens fitting options for Aphakic patients
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