

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**III Year B.Sc. Optometry Degree Examination – 27-Nov-2023**

**Time: Three Hours**

**Max. Marks: 100 Marks**

**CONTACT LENS (RS-4)**

**Q.P. CODE: 3352**

Your answers should be specific to the questions asked  
Draw neat, labeled diagrams wherever necessary

**LONG ESSAYS (Second Question Choice)**

**2 x 10 = 20 Marks**

1. Briefly explain common soft contact lens complications, causes and its management
2. How would you assess the centration, movement and tightness of soft contact lens on eye? What is the significance?

**OR**

List the tear and non-tear related deposits. Write in detail about same

**SHORT ESSAYS (Question No 5 & 10 choice)**

**10 x 5 = 50 Marks**

3. Write about different bifocal and multifocal contact lens for presbyopes
4. Write a note on Hydrogen peroxide system
5. Write in detail about manufacturing of soft contact lens

**OR**

Explain indication of therapeutic contact lens

6. Advantages and disadvantages of RGP contact lens
7. Explain about pre fitting parameters prior to fitting contact lens in child
8. Write about fitting philosophies for correcting keratoconus
9. Write a note on management and prevention in case of corneal neovascularization
10. Explain etiology, sign and management of SEAL

**OR**

Note on Ideal contact lens material properties

11. Briefly explain about dynamic and prism ballast stabilization technique with diagram
12. Write a note on: a) BOZR    b) Peripheral curves    c) Central thickness    d) Edge lift

**SHORT ANSWER**

**10 x 3 = 30 Marks**

13. Soft contact lens brands available in India
14. Piggy back contact lens
15. Write about prosthetic contact lens
16. Multipurpose solution
17. Explain lipid and protein deposits
18. Explain about – a) Continuous wear C.L    b) Extended wear C.L    c) Disposable C.L
19. List the FDA classification of soft C.L. Give examples for each group
20. Extended keratometry
21. Accommodation and contact lens
22. Video keratography

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