

Rajiv Gandhi University of Health Sciences, Karnataka
III Year B.Sc. Optometry Degree Examination – 22-May-2025

Time: Three Hours

Max. Marks: 100

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. Describe a RGP contact lens complication?
2. Explain the manufacturing methods for soft contact lens with advantages and disadvantages

OR

Define Presbyopia? Explain contact lens options available for presbyopia

SHORT ESSAYS (Question No 5 & 10 choice)

10 x 5 = 50 Marks

3. Describe the RGP contact lens fitting in detail
 4. Write a short note on silicone hydrogel contact lens
 5. Explain wearing and replacement modalities for contact lenses with example
- OR**
- Write a short note on soft toric stabilization methods
6. What is CLARE? Describe in detail about the CLARE
 7. Write a short note on indication for pediatric contact lens
 8. Write a short note on care and maintenance of soft contact lens
 9. Describe preliminary evaluation for contact lens fitting. Explain the importance of keratometer/topography in preliminary evaluation
 10. What is wettability? Explain about measurement of wettability
- OR**
- Explain relationship between Base curve and diameter with diagram
11. Explain contact lens deposits and its management
 12. Explain the characteristic of flat fitted RGP Contact lens

SHORT ANSWER

10 x 3 = 30 Marks

13. Tear related deposits
14. Enlist the instrument used for verification of total diameter and base curve of contact lens
15. Multipurpose solution
16. Therapeutic contact lens indication and contra indication
17. Piggy back lenses
18. SEAL
19. Watermelon seed principles
20. Silicon Elastomer Contact lens
21. Advantages of contact lens over spectacle
22. Accommodation and convergence contact lens in myopia and hypermetropia
