

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. Optometry Degree Examination - 12-Nov-2025

Time: Three Hours

Max. Marks: 80

CONTACT LENS - (RS-3)

Q.P. CODE: 3122

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

LONG ESSAYS (Answer Any Three)

3 x 10 = 30 Marks

1. Write a inflammation and fitting related RGP complication
2. Explain the manufacturing methods for soft contact lens with advantages and disadvantages
3. Define Presbyopia and Explain contact lens options available for presbyopia
4. Describe preliminary evaluation for contact lens fitting. Explain the importance of keratometer/topography in preliminary evaluation

SHORT ESSAYS (Answer Any Six)

6 x 5 = 30 Marks

5. Describe the RGP contact lens fitting in detail
6. Write a short note on silicone hydrogel contact lens with different generations
7. Explain wearing and replacement modalities for contact lenses with example
8. Write a short note on soft toric stabilization methods with diagram
9. What is CLARE? Describe in detail about the CLARE
10. Write a short note on indication for pediatric contact lens
11. Write a short note on care and maintenance of soft contact lens

SHORT ANSWERS

10 x 2 = 20 Marks

12. Tear related deposits
13. Enlist the instrument used for verification of total diameter and base curve of contact lens
14. Multipurpose solution
15. FDA Classification for contact lens
16. Piggy back lenses
17. SEAL
18. Calculate a BVP for -7.00/-2.00 X 10
19. Sports and Contact lens
20. Advantages of contact lens over spectacle
21. Accommodation and convergence contact lens in myopia and hypermetropia
