

Rajiv Gandhi University of Health Sciences, Karnataka
III Year B.Sc. Optometry Degree Examination - 15-Nov-2024

Time: Three Hours

Max. Marks: 80 Marks

CONTACT LENS (RS3)

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. Mention different contact lens materials. What are the indications and contraindications of contact lens usage?
2. Describe various Toric lens designs manufacturing techniques.
3. Briefly classify in detail the types of soft contact lens on the basis of their modality.
4. Explain preliminary measurement and investigation done before fitting CL.

SHORT ESSAYS (Answer Any Six)

6 x 5 = 30 Marks

5. Difference between continuous wear and extended wear soft contact lenses
6. Advantages of silicone hydrogel lenses over hydrogel lenses
7. Advantage and disadvantage of RGP contact lens
8. Write short note on different methods for corneal assessment before contact lens trial.
9. Write about various method of disinfecting SCL.
10. Brief on assessment of RGP lens fit
11. Write a short note on therapeutic soft contact lens.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Oxygen permeability
13. FDA classification
14. Oxygen flux
15. Bifocal lenses
16. Corneal neovascularisation
17. Tear breakup time
18. Name any two contact lenses that can fit irregular cornea.
19. Fluorescein staining
20. Jelly bumps
21. Multi-purpose solution
