

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

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 hypoxia related complication for soft contact lens?
 2. Explain the manufacturing methods for RGP contact lens with advantages and disadvantages
- OR**
- Explain contact lens options available for keratoconus subjects and describe the fitting philosophies for the same

SHORT ESSAYS (Question No 5 & 10 choice)

10 x 5 = 50 Marks

3. Describe the soft contact lens fitting in detail
 4. Write a short note on soft contact lens materials
 5. Describe indication and contraindication for RGP contact lens
- OR**
- Write a short note on soft Toric stabilization
6. Describe indication for therapeutic contact lens
 7. What is CLPC? Describe in detail about the CLPC
 8. Write a short note on pediatric contact lens fitting
 9. Write a short note on care and maintenance of RGP contact lens
 10. What is wettability? Explain about measurement of wettability
- OR**
- Explain the characteristic of Steep and flat fitted RGP Contact lens with diagram
11. Explain relationship between Base curve and sagittal height with diagram
 12. Explain contact lens deposits and its management

SHORT ANSWER

10 x 3 = 30 Marks

13. CLARE
14. Radiuscope
15. Two step Hydrogen peroxide
16. DK and DK/T
17. Daily wear and extended wear
18. Optics of contact lens
19. Calculate multifocal contact lens power with one example of company availability
RE : +3.00/-0.50X180
LE : +1.00/-0.50X170
BE : ADD +2.00 DSPH
20. Draw a RGP CL design
21. Sports and contact lens
22. Monovision Contact lens
