

Rajiv Gandhi University of Health Sciences, Karnataka
III Year B.Sc. Optometry Degree Examination – 03-Jun-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. Write a short note on soft contact lens complication
2. Explain the RGP contact lens material in detail with advantages and disadvantages

OR

What is presbyopia? Explain in detail in about Monovision, Bifocal and Multifocal contact lens for presbyopia

SHORT ESSAYS (Question No 5 & 10 choice)

10 x 5 = 50 Marks

3. Describe the soft toric contact lens fitting in detail
4. Write a short note on mechanical complications of silicone hydrogel contact lens
5. Explain wearing and replacement modalities for contact lenses with example

OR

Write a short note on Prism ballast, truncation and Dynamic stabilization with advantages and disadvantages

6. Describe in detail about the 3 and 9 O' Clock staining
7. Write a short note on indication for pediatric contact lens
8. Write a short note on fitting philosophies of keratoconus
9. Explain in detail about components of care and maintenance of soft contact lenses with example
10. What is DK/t? Explain ideal contact lens material properties

OR

Explain the effect of blink on steep fitted and flat fitted contact lens

11. Explain contact lens deposits and its management
12. Explain the indication and contraindication of contact lens

SHORT ANSWER

10 x 3 = 30 Marks

13. Difference between static and dynamic RGP fitting
14. Difference between cosmetic and prosthetic contact lens
15. Optics of contact lens
16. FDA Classification for contact lens
17. Scleral contact lens
18. Dimple Veiling
19. Calculate a BVP for $-7.00/2.00 \times 10$ and rotated right side for 10 degree and calculate the final contact lens power
20. X-chrome contact lens
21. Enlist two brands of soft contact lens parameters and company availability
22. Solution hyper sensitivity
