

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**III Year B.Sc. Optometry Degree Examination – 04-May-2026**

**Time: Three Hours**

**Max. Marks: 100 Marks**

**LOW VISION AIDS AND GERIATRIC OPTOMETRY (RS-4)**

**Q.P. CODE: 3351**

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. Enumerate common disorders leading to low vision. Write in detail about problems and management of following conditions
  - a) Albinism
  - b) Age related macular degeneration

2. Define low vision aids, write in details about optical devices in low vision

**OR**

What in the aim of non-optical devices and mention briefly about contrast enhancing devices?

**SHORT ESSAYS (Question No 5 & 10 choice)**

**10 x 5 = 50 Marks**

3. Explain the importance of CBR in low vision care
  4. Management of glaucoma
  5. History taking in low vision
- OR**
6. Write about refraction procedure in low vision patients
  7. Types of blinders
  8. Differentiate between Keplerian and Galilean Telescope
  9. Problems with spectacles magnifiers and ways to overcome them
  10. What types of contact lenses are available for a presbyopic patient?

**OR**

Short note on electro optical devices

11. Refractive error changes in old age
12. Structural and physiological changes in retina in old age

**SHORT ANSWER**

**10 x 3 = 30 Marks**

13. Functional vision
14. PSRT test in low vision patients
15. Name and write any two magnification – calculating formula for low vision device selection
16. List ocular disorders leading to overall blurred vision
17. Dominant eye testing
18. What is geriatric optometry?
19. Define sighted guide technique
20. Brunescence cataract
21. Any two age related changes in lids
22. List the perceptual skills

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