

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**III Year B.Sc. Optometry Degree Examination – 24-Nov-2023**

**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. Define low vision aids. Write about non-optical devices in low vision
2. Assessment and management of a 9-year-old school going child with albinism

**OR**

Enumerate members of low vision team and their role in low vision patients

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

**10 x 5 = 50 Marks**

3. Assessment of functional vision in low vision patient
4. Difference between hand and stand magnifiers
5. Refractive changes and life modifications occurring due to diabetes

**OR**

Psychological and physiological changes undergone by a geriatric population

6. Myopic degeneration
  7. CCTV
  8. Optic atrophy management by low vision devices
  9. Braille
  10. Briefly discuss contact lens, dispensing in contact lenses
- OR**
11. What are the physiologic and pathologic conditions affecting drug action in the geriatric population?
  12. Structural and physiological changes of eyelid in old age

**SHORT ANSWER**

**10 x 3 = 30 Marks**

13. Identify the type of telescope and calculate the magnification and tube length this telescope with objective lens power of + 30.00 DS and eye piece power of + 26.00 DS
14. PSRT in low vision patients
15. Speaking software for blind
16. Describe about corning lenses
17. Define visual, impairment and low vision
18. What is CBR?
19. Glare control measures
20. JND technique
21. Arcus senilis
22. Aging changes in Retina

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