

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**III Year B.Sc. Optometry Degree Examination – 12-Dec-2022**

**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) Retinitis pigmentosa
  - b) Corneal opacity
2. Explain in detail about Galilean and Keplerian telescope  
**OR**  
Define low vision and enumerate its classification. Explain the role of optometrists in low vision management

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

**10 x 5 = 50 Marks**

3. Glare control devices in low vision
4. Computer software in low vision
5. Management of Acromatopsia  
**OR**  
Kubler Ross stages of grievances
6. History taking in low vision patients
7. Contrast sensitivity measurement
8. Structural and physiological changes occur in eye and its adnexa due to aging
9. Steps in geriatric ocular evaluations
10. Changes occurring due to uveitis  
**OR**  
Explain the management options for nystagmus low vision patient
11. Explain Stand Magnifier advantages and disadvantages
12. Types of magnifiers used in low vision devices

**SHORT ANSWER**

**10 x 3 = 30 Marks**

13. Typoscopes
14. Why BI prisms are used in low vision patients?
15. Can FM 100 be used for low vision patient? Justify your answer
16. Advantages of Dome magnifier
17. Mention about electro-optical devices for low vision patients
18. Bioptic telescopes
19. Brow ptosis
20. ETDRS chart
21. Corning photochromatic filters
22. What is Gerontology?

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