

# Rajiv Gandhi University of Health Sciences, Karnataka

## III Year B.Sc. Optometry Degree Examination - 10-Nov-2025

**Time: Three Hours**

**Max. Marks: 80 Marks**

### **LOW VISION AIDS AND GERIATRIC OPTOMETRY – (RS-3)**

**Q.P. CODE: 3121**

Your answers should be specific to the questions asked  
Draw neat, labeled diagrams wherever necessary

#### **LONG ESSAYS (Answer any Three)**

**3 x 10 = 30 Marks**

1. Describe in detail about types, etiology, sign, symptoms and management of Glaucoma.
2. Elaborate role of Optometrist in examination and management of low vision.
3. Write advantages and disadvantages of various types of magnifiers.
4. Assessment and management of a 5 year old school going child with albinism.

#### **SHORT ESSAYS (Answer any Six)**

**6 x 5 = 30 Marks**

5. Write the refraction significance and technique in low vision patient.
6. What is CCTV? Write the advantages and disadvantages?
7. Explain history taking in low vision.
8. Describe any two-disease conditions which causes overall blurring of vision.
9. Write detail about glare, controlling and sensory substitution devices.
10. Calculate the magnification and tube length of the telescope? Objective lens and eye piece lens are +30 and -90 Diopters respectively.
11. Write refractive changes of cornea and lens in aged population.

#### **SHORT ANSWERS**

**10 x 2 = 20 Marks**

12. Relative distance magnification.
13. Causes of peripheral field defects.
14. EVP
15. Pocket magnifier.
16. Senile cataract.
17. Define Low vision.
18. Tele microscopes.
19. Floaters and flashes.
20. Atherosclerosis.
21. Horizontal lid laxity.

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