

# Rajiv Gandhi University of Health Sciences, Karnataka

**III Year B.Sc. Optometry Degree Examination - 19-Nov-2025**

**Time: Three Hours**

**Max. Marks: 80 Marks**

## **Pediatric Optometry, Binocular Vision and Advances in Optometry (RS-3)**

**Q.P. CODE: 3127**

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. Write a note on
  - a) Complete third nerve palsy?
  - b) How can you differentiate between paralytic and non paralytic strabismus?
  - c) Management of paralytic squint?
  - d) Add a note on Bielschowsky head tilt test?
2. Briefly explain the Development of Binocular vision.
3. Briefly explain Nystagmus – definition, classification and clinical evaluation.
4. Write a short note on cycloplegic refraction

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

**6 x 5 = 30 Marks**

5. Short note on Tests for binocular single vision.
6. Briefly explain Visual direction, localizing sign and corresponding points.
7. The contact lens corrective modality in pediatric aphakia
8. What are the different tests to determine suppression
9. How do you diagnose phoria and tropia.
10. Write a short note on Down's Syndrome
11. Write a short note on Maddox rod test

### **SHORT ANSWERS**

**10 x 2 = 20 Marks**

12. Stereopsis.
13. Longitudinal Horopter.
14. Panum's space.
15. Spatial sense.
16. Pre-requisites of Binocular vision.
17. Types of ARC.
18. Signs and symptoms of Albinism.
19. While taking history of a patient what should you note in birth history
20. Synergists.
21. Binocular fusion.

\*\*\*\*\*