

Rajiv Gandhi University of Health Sciences, Karnataka
III Year B.Sc. Optometry Degree Examination – 12-Jun-2024

Time: Three Hours

Max. Marks: 100 Marks

**PAEDIATRIC OPTOMETRY, BINOCULAR VISION AND
ADVANCED OPTOMETRY (RS-4)**

Q.P. CODE: 3358

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. Describe etiology, types and management of amblyopia
2. Explain clinical characteristics and classification of paralytic strabismus. Distinguish comitant squint from incomitant squint

OR

Describe the classification, investigations and management of convergent squint

SHORT ESSAYS (Question No 5 & 10 choice)

10 x 5 = 50 Marks

3. Short note on development of binocular vision
4. Describe the theories of binocular single vision
5. Explain physiological diplopia
6. Pediatric visual acuity charts available for various age groups
7. Describe the difference methods of measurement of accommodation
8. Write the clinical features and management of accommodative insufficiency
9. Write in detail about investigation of suppression
10. Write a note on paediatric spectacle dispensing

OR

Describe horopter and Panum's fusional area with diagram

11. Write the clinical features and management of convergence excess
12. Explain different types of Duane retraction syndrome

SHORT ANSWER

10 x 3 = 30 Marks

13. Explain briefly retino-motor value
14. Describe cyclopean eye with example
15. Mention etiology of diplopia
16. Explain retinal rivalry
17. What is microtropia? What clinical test can detect the condition?
18. Write Donders' and Listing's law
19. What is pseudomyopia? Explain
20. What are the clinical features of Brown's syndrome?
21. Mention three differences between tonic and fusional convergence
22. Importance of history taking in paediatric practice
