

Rajiv Gandhi University of Health Sciences, Karnataka
III Year B.Sc. Optometry Degree Examination – 29-May-2023

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. Write in detail about the investigation of paralytic squint
2. Mention classification, investigation and management of vertical squint
OR
Mention classification, investigation and management of divergent squint

SHORT ESSAYS (Question No 5 & 10 choice)

10 x 5 = 50 Marks

3. Explain grades of binocular vision
4. Describe monocular clues and their significance
5. Explain types of accommodation and its clinical examinations
OR
Write clinical features and management of accommodation excess
6. Give clinical features and management of convergence insufficiency
7. Describe fixation, saccadic and pursuit movement
8. Explain the congenital muscle fibrosis
9. Write the various components of paediatric history taking
10. Explain the AV phenomenon of squint
OR
Describe diplopia charting and its significance
11. What is ROP? Write the stages of ROP
12. What are the clinical features and management of vernal catarrh

SHORT ANSWER

10 x 3 = 30 Marks

13. Explain normal retinal correspondence
14. Name the chart available for measurement of stereopsis
15. Resolution vs detection acuity
16. Write Sherrington's law and Hering's law
17. Mention three difference between accommodative and fusional convergence
18. Nystagmus types
19. Mention etiology of anomalies of accommodation
20. Explain types of Duane's retraction syndrome
21. Classify amblyopia
22. Explain sensory fusion with an example