

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. Optometry Degree Examination – 26-Nov-2024

Time: Three Hours

Max. Marks: 80 Marks

CEVS AND OPTOMETRIC INSTRUMENTS (RS-3)

Q.P. CODE: 3113

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. Define tonometry with the help of diagram explain the principle used in tonometry. Write shortly on applanation tonometry
2. What is Focimetry? Explain the optical principle of focimeter with the help of a neat labelled diagram
3. Write the principle and optics used in retinoscope. Write about clinical procedure
4. What is the difference between direct and indirect fundus biomicroscope?

SHORT ESSAYS (Answer Any Six)

6 x 5 = 30 Marks

5. Briefly write down accessories of slit lamp and its applications
6. Explain on Ishihara color test and its applications
7. Write a note on pachymetry
8. Explain the principle and procedure of four mirror gonioscopy
9. Write about log MAR and Snellen visual acuity chart
10. Describe Amsler chart. Brief on the seven types of Amsler chart
11. What is EOG? What is Arden's ratio and where is it used?

SHORT ANSWERS

10 x 2 = 20 Marks

12. Explain the use of Arden grating
13. Application of B scan
14. Name the pediatric visual acuity charts
15. Define apostils
16. Potential acuity meter
17. Write on Koeppel Lens
18. Optical principle of direct ophthalmoscope
19. What is SWAP?
20. False negative response in visual field testing
21. Enlist various phases of FFA
