

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. Optometry Degree Examination – 06-Jun-2024

Time: Three Hours

Max. Marks: 100 Marks

CEVS AND OPTOMETRIC INSTRUMENTS (RS-4)

Q.P. CODE: 3348

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. What is visual field and mention the different components. Describe different methods of filed charting.
2. What are the various illumination techniques present in slit lamp? Explain the optics and structures seen with each type of illumination techniques.

OR

Explain the optics of retinoscope. Differentiate plane mirror vs concave mirror effects.

SHORT ESSAYS (Question No 5 & 10 choice)

10 x 5 = 50 Marks

3. How will you take history in a patient presented with defective vision?
4. Write a note on EOG
5. Describe the different types of ultrasonography.

OR

Outline the methods of examination of pupil.

6. Write short note on Orbscan quadmaps.
7. Short note on trial set.
8. Write about common color vision defects.
9. Write a note on Tanget screen visual field testing.
10. Compare direct and indirect Ophthalmoscopy.

OR

Write a note on posterior OCT report interpretation and its clinical procedure.

11. Non contact lenses for fundus examination.
12. Briefly explain optical principle of Lensometer.

SHORT ANSWER

10 x 3 = 30 Marks

13. Define Isopter.
14. Clinical indications of Aberrometry.
15. Draw a diagram of focusing keratometer target : a) Out of focus b) In focus
16. Define Lensometry.
17. What is false negative response in visual field testing?
18. What is Riddoch Phenomenon of visual field?
19. Name the pediatric visual acuity charts.
20. Write power ranges of trial case lenses.
21. What is the use of Amsler grid?
22. Define VEP.
