Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Optometry Degree Examination – 26-Nov-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. Define VEP. Explain the instrumentation theory of the same
2. Explain extended keratometry. Write about its clinical uses and sources of error occurred while performing keratometry

   Or

   Write in detail about construction of Log MAR chart and explain the procedure of visual acuity testing by Log Mar Chart.

SHORT ESSAYS (Question No 5 & 10 choice) **10 x 5 = 50 Marks**

3. Explain the indications of ERG
4. Discuss about Goldmann Applanation tonometer
5. Write about Scheiner's disc principle and placid disc

   Or

   Discuss the clinical interpretation of aberrometry
6. Write a note on color arrangement tests
7. Mention the causes of hyper fluorescence and hypo fluorescence noted on FFA
8. Difference between badal and non-badal principle
9. Write a short note on OCT
10. Illumination techniques in slit lamp

    Or

    Write about field of view and image formation of binocular indirect ophthalmoscope
11. What is the optics involved in A0scan? Write down its clinical uses
12. Write a note on reliability indices while performing a single field analysis print out

SHORT ANSWER **10 x 3 = 30 Marks**

13. Uses of fluorescein dye in optometry
14. Name the pediatric visual acuity charts
15. Mention one condition which can cause generalized depression in visual field
16. Accessories of trial set
17. What will be the effect of hypo fluorescence and hyper fluorescence in case of applanation tonometry?
18. Define apostilbs. Clinical significance of it while testing
19. Define Potential Acuity Meter
20. Define NPC and NPA
21. Why do we use pinhole?
22. Name the variable which influences the measurement of visual acuity

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