PAPER CODE: AHS15012

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B.Sc. (Allied Health Sciences), SECOND YEAR DEGREE SUPPLEMENTARY EXAMINATIONS: OCTOBER, 2025

OPTOMETRY
PAPER III
CLINICAL EXAMINATION OF VISUAL SYSTEM, OPTOMETRIC INSTRUMENTS

Time: 3 Hours **Max Marks: 80**

Note: Draw diagrams whenever necessary with Black Ball point pen /HB pencil /any dark Color pencil.

Write essay on any TWO of the following questions: **2 X 10 = 20**

1. Write in detail about principle, optics and procedure of manual Bausch and Lomb Keratometer.
2. What are the causes of defective near vision? Explain the test charts used in near vision evaluation?
3. Write principles of Retinoscopy? What are the types of retinoscopes? Explain streak retinoscopy.

Write a short note on any FIVE of the following: **5 X 6 = 30**

4. Fundus fluorescein Angiography.
5. Colour vision testing.
6. Goldmann Applanation Tonometer.
7. Examination of proptosis.
8. Evaluation of Pupil.
9. A-scan.

Write briefly on the following: **10 X 3 = 30**

10. Accessories of Trial set.
11. Optical principles of Gonioscope.
12. Confrontation Test.
13. Uses of B-scan.
14. Define ERG and its uses.
15. Petroillumination in slit lamp.
16. Maddox Rod.
17. 'Roplas' Test.
18. Advantages and disadvantages of Non – contact Tonometer.
19. Paediatric visual activity charts.

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