

Second Year B.Sc Optometry Degree Supplementary Examinations - April 2013

Clinical Examination of Visual Systems & Instruments

Time: 3 hrs

Max marks: 80

- **Answer all questions**
- **Draw diagram wherever necessary**

Essays

(2x15=30)

1. Describe different types of prisms. Explain the nomenclature, optics and uses in Ophthalmology .
2. What is keratometry and mention the different types. Describe the optics of manual keratometry.

Short notes

(5x5=25)

3. Slit lamp bio microscopy for fundus
4. Applanation tonometry
5. Kinetic perimetry
6. Cover tests
7. B scan

Answer briefly

(10x2 = 20)

8. Different types of retinoscopes
9. Colour vision charts.
10. Trial frames
11. Gonioscopes
12. Lensometer
13. RAF rule
14. Snellens chart
15. Placido's disc
- 16. OCT**
17. Pachymetry

One word answer

(5x1 = 5)

18. Corneal endothelial cell count is measured by
19.scan is contra indicated in intraocular foreign body.
20. Two tests for patency of nasolacrimal duct.
21. One test for detecting dry eye.
22. Proptosis is measured using