

Second Year B.Sc Optometry Degree Examinations October 2017

Clinical Examination of Visual System and Ophthalmic Instruments

(2014 scheme)

Time: 2 hrs

Max marks: 40

- Answer all questions
- Draw diagrams wherever necessary

Essay (10)

1. Discuss the principle of Snellen's chart. Add a note on various types of charts available for distance and near vision testing.

Short notes (3x5=15)

2. Discuss biometry
3. Dynamic retinoscopy.
4. What are the various methods of fundus examination.

Answer briefly (5x2=10)

5. What is perimetry and name the types
6. What is gonioscopy. What are the requirements for gonioscopy
7. What is ultrasound B scan and mention its indications
8. What is Automated Refractometry and mention its advantages
9. What is lensometer. What are the advantages and disadvantages.

Short answers (5x1=5)

10. synaptophore
11. Name the uses of Maddox wing
12. Accommodation reflex
13. Schirmer's test
14. Convergence
