

Q.P.Code 202013

Reg. No.:.....

Second Year B.Sc Optometry Degree Supplementary Examinations – May 2016

Clinical Examination of Visual Systems & Instruments

Time : 3 hrs

Max marks : 80

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

Essays

(2x15=30)

1. What is visual acuity and what are its different components. Describe different methods of assessing visual acuity in children below 5 years.
2. Describe the different methods of tonometry illustrating the advantages and disadvantages of each.

Short notes

(5x5=25)

3. Diplopia charting
4. Duo chrome test
5. A- scan
6. Uses of prisms in ophthalmology
7. Lensometer

Answer briefly

(10x2 = 20)

8. Trial frame
9. Pinhole
10. Jackson's cross cylinder
11. inter pupillary distance
12. Streak retinoscope
13. Amsler grid
14. Maddox wing
15. Pachymeter
16. Examination of pupil
17. Advantages of indirect ophthalmoscopy

One word answer

(5x1 = 5)

18. Two tests for contrast sensitivity are..... and
19. Scissor shadow is seen in.....
20. Near point of convergence is measured by
21. Name two near vision charts
22. Mention two types of clinical interferometers .
