

Q.P.Code 202013

Reg. No.:.....

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

**Clinical Examination of Visual Systems & Instruments
(2010 scheme)**

Time : 3 hrs

Max marks : 80

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

Essays

(2x15=30)

1. Discuss the various methods of visual acuity testing. What are the methods of testing color vision
2. Define visual field. Discuss different methods of field charting

Short notes

(5x5=25)

3. Retinoscopy
4. Maddox rod
5. Pachymetry
6. Difference between direct and indirect ophthalmoscopy
7. Bagolini striated glasses

Answer briefly

(10x2 = 20)

8. Uses of prism
9. Axial biometry
10. Uses of amsler grid
11. RAF rule
12. Principle of keratometry
13. Gonioscopes
14. Trial frame design
15. Principle of lensometer
16. Slit lamp biomicroscopy
17. Fresnel prism

One word answer

(5x1 = 5)

18. Schirmer test is done for detecting-----
19. Purpose of interferometry is -----
20. Maddox wing is used for -----
21. Specular reflection is used for-----
22. Oil droplet sign is seen in-----
