

Second Year B.Sc Optometry Degree Supplementary Examinations
October 2017

**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. Describe various methods of fundus examination and the principle of each.
What are the advantages and disadvantages of each of them.
2. What are the different methods of tonometry. List the advantages and disadvantages of each.

Short notes

(5x5=25)

3. Near vision charts
4. Gonioscopy
5. Streak retinoscopy
6. Uses of prism
7. Bagolini striated glasses

Answer briefly

(10x2 = 20)

8. Mention the method of examination of angle of anterior chamber
9. Uses of pachymetry.
10. Lacrimal syringing technique
11. Mention the relevant points in history taking in a case of corneal ulcer
12. Macular function tests
13. What are the methods of testing visual acuity in children
14. What is the ideal setting for vision examination in a consulting space
15. Uses of B scan
16. Mention the various low vision aids
17. How do you examine ocular motility

One word answer

(5x1 = 5)

18. Perkins tonometer is a type of -----
19. Specular reflection is used for examination of -----
20. 90 D lens is used for-----
21. Bjerrum screen is used for-----
22. Amsler grid is used for-----