

Q.P.Code 202013

Reg. No.:.....

Second Year B.Sc Optometry Degree Supplementary Examinations –
June 2015

Clinical Examination of Visual Systems & Instruments

Time : 3 hrs

Max marks : 80

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

Essays

(2x15=30)

1. Mention the different techniques of examinations of fundus. Describe the principle of each. How does each technique differ from one another.
2. What is tonometry. Outline the principle, types and techniques of each of them.

Short notes

(5x5=25)

3. Mention the salient points in the history taking of a case of corneal ulcer
4. Describe the various tests of color vision.
5. How do you examine ocular motility of the eye.
6. How do you test and write the report for the patency of lacrimal system.
7. What is ultrasonography in ophthalmology. Mention the types.

Answer briefly

(10x2 = 20)

8. Describe the techniques of examination of vision of a two year old child.
9. Explain the different types of examination techniques under a slit lamp.
10. What is retinoscopy. What are the different techniques.
11. What is automated perimetry and how it differs from manual perimetry.
12. What are uses of amsler grid.
13. What is keratometry. Describe the technique of keratometry.
14. Mention the various parts of a trial frame and mention its uses.
15. What is best form lenses.
16. What is maddox rod used for. Describe the technique.
17. What is the principle of a refractometer and mention the types.

One word answer

(5x1 = 5)

18. CC cards is used for
19. Prism bar is used for
20. RAF is used for
21. One example of a low vision aid.....
22. Bjerrum screen is used for
