

**Q.P. Code: 215013**

**Reg. No.:.....**

**Second Year B.Sc Optometry Degree Supplementary Examinations  
February 2020**

**Clinical Examination of Visual System and Ophthalmic Instruments**

**(2014 scheme)**

**Time: 2 hrs**

**Max marks: 40**

- *Answer all questions to the point neatly and legibly* • *Do not leave any blank pages between answers*
- *Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together* • *Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essay**

**(10)**

1. Discuss the principle of retinoscopy. Add a note on various types of retinoscopes and list the advantages and disadvantages of each.

**Short notes**

**(3x5=15)**

2. What is keratometer and discuss the principle of keratometer.
3. What are low vision aids. Classify and give examples of each.
4. What are the various methods of illumination of the eye using slit lamp biomicroscopy. What are the advantages of slit lamp examination

**Answer briefly**

**(5x2=10)**

5. Mention the colour vision tests. Name the types of colour vision abnormalities.
6. What is scotoma and what are the methods of detecting scotomas.
7. What is ultrasound B scan. What are the conditions which are diagnosed with the B scan.
8. What is RAF rule and mention its uses
9. What is indirect ophthalmoscopy. What are the advantages of indirect over direct ophthalmoscopy.

**Fill in the blanks**

**(5x1=5)**

10."acrimal syringing is used for .....

11.Maddox rod is used for .....

12.RAPD is assessed using .....

13.Corneal sensitivity is tested using .....

14.....is an instrument used for measuring Inter Pupillary Distance

\*\*\*\*\*