

QP Code: 225013

Reg. No.....

**Second Year B.Sc Optometry Degree Regular/Supplementary
Examinations February 2023**

**Clinical Examination of Visual System and Ophthalmic Instruments
(2016 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*

Essays

(10)

1. What are the causes of defective near vision? Explain the test charts used in near vision evaluation. How will you evaluate a 39 year old diabetic patient with defective near vision.

Short Notes

(3x5=15)

2. Briefly explain principle, optics and procedure of Bausch and Lomb keratometer.
3. Uses of prism in the eye
4. Write short note on the principle and clinical procedure of A scan biometry.

Answer Briefly

(5x2=10)

5. Hirschberg test
6. Ishihara chart
7. Tests used for stereopsis measurement.
8. Static Retinoscopy.
9. Swinging flash light test

Fill in the Blanks

(5x1=5)

10. principle is used in Autorefractometer.
11. dye is needed to do applanation tonometry
12. Anisocoria is difference in size of
13. One cause of leukocoria is
14. In slit lamp biomicroscope cobalt blue filter is used for.....
