

**QP Code: 225013**

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

**Second Year B.Sc Optometry Degree Regular/Supplementary  
Examinations February 2021**

**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. Explain in detail-

- The differences between snellen visual acuity and logMAR acuity charts.
- What are the basics in constructive a logMAR chart" replaced with "Add a note on various types of charts available for near vision testing.
- The illumination standards for vision examination

**Short Notes**

**(3x5=15)**

2. How to measure stereopsis and what is the clinical importance of it
3. Explain the procedures involved in objective refraction
4. Explain Macular function test

**Answer Briefly**

**(5x2=10)**

5. List the various methods for fundus examination
6. Explain the slitlamp technique used to evaluate the corneal endothelium
7. Types of ERG
8. What are the two most important birth history to be obtained during pediatric history taking
9. Explain the significance of nausea or vomiting sensation while reporting a headache history

**Fill in the Blanks**

**(5x1=5)**

10. Optical section is used to assess flares and cells in a ..... evaluation
11. Modified ..... test is used to measure phoria in patient with binocular vision anomalies
12. Reduced tear meniscus level would be noted in patient with ..... syndrome
13. The pupil will dilate while fixating at a ..... object
14. Ishihara colour vision test is effective for testing .....

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