

**Second Year B.Sc Optometry Degree Supplementary Examinations
October 2018**

Optometric Optics

(2014 scheme)

Time: 2 hrs

Max marks: 40

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

Essay (10)

1. Discuss the types, characteristics and advantages of multifocal lenses.

Short notes (3x5=15)

2. What are plastic spectacle lenses. What are its characteristics
3. What are toughened lenses. What is the importance
4. What are aberrations in lenses. Describe with diagrams.

Answer briefly (5x2=10)

5. What is Risely prism. State its importance.
6. What is back vertex power. What is its importance.
7. What are the special spectacle lenses for aphakia
8. What are aspheric lenses. What is its importance.
9. What are toric lenses. Describe its characteristics.

Fill in the blanks (5x1=5)

10. Prism is defined as _____

11. What are filters used in spectacles

12. What are lenticular lenses

13. What are absorptive lenses

14. Give two examples of tinted lenses-----
