

Q.P. Code: 217013

Reg. No.:.....

**Second Year B.Sc Optometry Degree Supplementary Examinations
September 2019**

Optometric Optics

(2014 scheme)

Time: 2 hrs

Max marks: 40

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

Essay

(10)

1. Describe briefly about the bifocals with the neat diagram

Short notes

(3x5=15)

2. Write about the tinted lenses.
3. Write about the best form of lenses.
4. Write about the characteristics of different types of lens materials .

Answer briefly

(5x2=10)

5. What is simple and toric transposition.
6. Write about the lenticular lenses.
7. What is image jump how patient will experiences it.
8. Write about the temporary and permanent markings of PAL lenses.
9. What are special type of spectacle lenses.

Give precise answers.

(5x1=5)

10. What is refractive index of cr 39.
11. What is pantoscopic tilt.
12. What is prismatic effect.
13. What is risely prism.
14. What is prentices rule.
