

Q.P. Code: 217013

Reg. No.:.....

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

Optometric Optics

(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. Write briefly about the multifocal lenses.

Short notes

(3x5=15)

2. Write about the sturms conoid.
3. Write about the aspheric design.
4. Write about the lenticular lenses.

Answer briefly

(5x2=10)

5. What is the properties of cylinder.
6. What is effectivity, risely prism, prentices rule.
7. Write about the boxing system.
8. What is vertex distance and vertex power.
9. Write about the advantages of PAL lenses.

Give precise answers

(5x1=5)

10. Transposition.
11. Prism.
12. Prismatic effect.
13. Spectacle magnification.
14. Prentices rule.
