

**Q.P. Code: 323013**

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

**Third Year B.Sc Optometry Degree Regular/Supplementary Examinations  
January 2022**

**Low Vision aid, Dispensing Optics and Mechanical Optics**

**(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*

**Essay**

**(10)**

1. How will you manage low vision in a patient with diabetic retinopathy

**Short notes**

**(3x5=15)**

2. Advantages and disadvantages of CCTV
3. Lens and frame markings
4. Steps in hand neutralization

**Answer briefly**

**(5x2=10)**

5. Facial wrap
6. Uses of bar reader
7. WHO classification of low vision
8. Radical retinoscopy
9. Advantages of stand magnifier

**One word answer**

**(5x1= 5)**

10. Write sphero cylindrical combination of +2.00 DC @ 90 , +3.75 DC @ 180
11. List two uses of industrial safety glasses
12. Decentration of optic centre leads to -----
13. Bifocal height is the distance between the -----
14. State two uses of typoscopes

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