

QP CODE: 102388

Reg No:.....

**First Year Master of Optometry Degree Regular Examinations
October 2019**

Low Vision and Rehabilitation

Time: 3 Hours

Total Marks: 80

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay (20)

1. Describe the optical design of an ideal telescopic system in detail. Add a note on telemicroscope. A telescope is composed of a +20.00 D objective lens and -40.00 D ocular lens. System is focused for infinity. Determine the following-
 - Magnification of telescope
 - Type and tube length of telescope (5+5+4+6)

Short Essays (6x10=60)

2. Describe the importance of contrast and color vision in low vision care. Give a brief account on the uses of filters and prisms in low vision practice. (5+5)
3. Describe evaluation and management of patients with retinitis pigmentosa. (5+5)
4. Describe vision rehabilitation services. Explain the importance of multidisciplinary approach of rehabilitation services. (4+6)
5. Describe refraction in low vision patients. Comment on available distance and near vision charts for low vision subjects. (3+7)
6. Describe stand magnifier. Explain briefly about different types of non-optical low vision devices. (3+4+3)
7. Write short notes on :
 - Amslar grid
 - Methods for determining near magnifications (5+5)
