

QP CODE: 102388

Reg. No:.....

**First Year Master of Optometry Degree Regular/Supplementary
Examinations November 2024**

Low Vision and Rehabilitation

Time: 3 Hours

Total Marks: 80

- *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

(20)

1. A 10-year-old girl was referred to the low vision care clinic with a clinical diagnosis of Retinitis Pigmentosa. On examination, her BCVA was 6/ 60, N10 @ 20cm (OU) with restricted peripheral field and impaired contrast sensitivity.
 - a) Describe the components of history taking to identify her primary need.
 - b) Explain the steps involved in evaluation of visual functions in this patient
 - c) Calculate the required magnification for distance vision and discuss the available low vision devices based on it. Mention the advantages and disadvantages of each
 - d) What are the other possible options of management of this child

Short Essays

(6x10=60)

2. Discuss the advantages and disadvantages of various optical devices for low vision.
3. Discuss the social and psychological aspects of ageing and visual impairment.
4. Write a note on different types of magnification. A patient requires a power of +10D. What are the LVD options available for this patient.
5. Discuss the ideal model of a low vision clinic.
6. What are the components of low vision case history. Explain the importance of a detailed case history in Low Vision assessment and management.
7. Write a note on non-optical devices for low vision management.
