

Q.P. Code: 203388

Reg. No:.....

**Second Year Master of Optometry Degree Regular/Supplementary
Examinations November 2025
Clinical Imaging**

Time: 3 hrs

Max 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. What is the basic principle of ERG. Write in short about ERG recordings by mentioning different types of electrodes used. Explain ERG pattern in Oguchi's disease. (5+10+5)

Short essay: (6x10=60)

2. Compare between Orbscan and Pentacam.
3. Write a short note on Imaging methods used to screen for Retinopathy of Prematurity in a neonatal ICU.
4. Discuss clinical applications of corneal aberrometry.
5. Explain scanning laser polarimetry (GDx) under following headings:-
 - a) Principle.
 - b) Nerve fiber indicator and TSNIT parameters.
 - c) Strength and limitations. (5+3+2)
6. Write in detail about macular analysis and optic nerve analysis by Stratus OCT.
7. Discuss keratoconus and its screening by Pentacam.
