

Q.P. Code: 203388

Reg. No:.....

**Second Year Master of Optometry Degree Regular/Supplementary
Examinations November 2024
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 principle of Heidelberg Retinal Tomography (HRT). Discuss in detail about the role of artificial intelligence for detection of Diabetic Retinopathy.

(10+10)

Short essay: (6x10=60)

2. Write a short note on screening equipment for primary eye care services.
3. What are the various advanced imaging tests useful for diagnosis of Glaucoma.

Comment on the advantages and disadvantages of any two tests. (5+5)

4. Write in short about Anterior segment OCT.
5. Describe B-Scan under the following headings:

a) Physics and Instrumentation b) Clinical applications (5+5)

6. Write a short note on Ocular Response Analyzer and its clinical applications.
7. Discuss instrumentation and clinical applications of IOL Master.
