

Q.P. Code: 203388

Reg. No:.....

**Second Year Master of Optometry Degree Regular/Supplementary
Examinations February 2022
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. Write in detail about the ultrasonography methods include principle, patient preparation and various types. Explain the various methods with relevant clinical application.

Short essay: (6x10=60)

2. What are the newer advancements in non-mydriatic retinal imaging and what are the advantages of these methods.
3. Discuss the ethical and issues related to using patient images in patient management and communication with other clinicians.
4. Explain out best choice of imaging technique that will help diagnose angle closure glaucoma effectively.
5. What is the principle of confocal scanning laser ophthalmoscope and what are the various applications of HRT.
6. A 65-year-old man with a history of hypertension and hypercholesterolaemia notices sudden, painless vision loss in his right eye. The vision loss is limited to the super nasal quadrant of his visual field. He first noticed the visual field loss approximately 6 weeks ago. For the past 2 weeks, however, he has started to have blurred vision centrally, making reading difficult. On examination, you see a vitreous hemorrhage in the right eye. What further tests you will do to diagnose the condition, Explain your management and advice to patient.
7. Write about the common electrophysiological test used in ophthalmic care. Which of these techniques are useful in diagnosing best vitiliform dystrophy.
