Second Year Master of Optometry Degree Regular Examinations January 2023
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. Explain the angiography methods include principle, patient preparation and various states of retinal angiography. What are the common retinal condition you will you these angiography techniques. What is the latest development in noninvasive retinal angiography.

Short essay: **(6x10=60)**

2. What are the newer advancements in slit lamp based imaging system and can they be used to image the gonioscopic angle.

3. A recent case report published topography image of your patient. Discuss the ethical issues related to using patient details in scientific communication.

4. Explain your best choice of imaging technique that will help diagnose glaucoma effectively in patients with pathological myopic.

5. Explain the principle of confocal scanning laser ophthalmoscope and what are the various applications of HRT.

6. A 75-year-old woman presents with new-onset distortion in one eye. Vision is 6/24 in the involved eye. She has a family history of AMD and has smoked 20 cigarettes a day for most of her adult life. What are the ophthalmic imaging techniques you will adopt to diagnose and stage the level of AMD.

7. The common electrophysiological test used in ophthalmic care.

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