

Q.P. Code: 203388

Reg. No:.....

Second Year Master of Optometry Degree Examinations October 2017

CLINICAL IMAGING

Time: 3hrs

Max Marks: 80

- *Answer all the questions*
- *Draw diagrams wherever necessary*

Essay:

(20)

1. Draw the ray diagram of optical coherence tomography and explain its procedure. Give the difference between SDOCT and SSOC

Short essay:

(6x10= 60)

2. Explain the working principle of pentacam and list its advantages and disadvantages
3. Explain in detail on the confocal microscopy and its use in corneal diseases
4. Explain on the steps of image processing. Mention its merits and demerits.
5. Explain the procedure for electro-retinogram
6. What is A-Scan. Mention the possibilities of using ultrasound in imaging
7. Write in detail about FFA and ICG Angiography
