

VINAYAKA MISSIONS RESEARCH FOUNDATION, SALEM

M.SC.(RADIOLOGY AND IMAGING TECHNOLOGY)

DEGREE EXAMINATION – February 2020

First Year

CONVENTIONAL RADIOLOGY AND IMAGING EQUIPMENT

Time: Three hours

Maximum: 100 marks

Answer **ALL** questions

I. Write an Long essay on :

(2 x 20 = 40)

1. Construction and working of a moving coil Galvanometer.
2. Construction and working of an Image Intensifier.

II. Write short notes on :

(10 x 6 = 60)

3. Photo timer.
4. Types of grid movement.
5. Heel effect.
6. Grid ratio.
7. Characteristic x- rays.
8. Inherent filtration.
9. Line focus principle.
10. Fluorescence.
11. Manual cassette changer.
12. Crossed grid.
