

VINAYAKA MISSIONS RESEARCH FOUNDATION, SALEM

M.SC.(RADIOLOGY AND IMAGING TECHNOLOGY)

DEGREE EXAMINATION – August 2019

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. Explain about production of X-ray
2. Describe the high tension circuits.

II. Write short notes on :

(10 x 6 = 60)

3. Write short notes on mobile X- ray.
4. Focal spot.
5. Describe about types of filters.
6. Explain about heel effect.
7. Write short notes on anode.
8. Types of cassettes.
9. Write about light field alignment.
10. Describe about types of grid.
11. Control of scatter radiation.
12. Draw the filament circuit.
