

SL.No: M23308

Course Code: 2690105

**VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM.
(Deemed to be University)**

**M.SC.(RADIOLOGY AND IMAGING TECHNOLOGY)
DEGREE EXAMINATION – January 2021
First Year**

MODERN RADIOLOGICAL AND IMAGING EQUIPMENT

Time: Three hours

Maximum: 100 marks

Answer **ALL** questions

I. Write an Long essay on :

(3 x 20 = 60)

1. Write a detailed note on the different types of transducer.
2. Instrumentation of Digital Mammography unit.
3. Factors influencing MR image quality

II. Write short notes on :

(4 x 10 = 40)

4. High frequency generator
5. Image intensifier
6. Spin echo and fast spin echo sequence
7. Explain any three ultrasound artifact.
