

[LO 0519]

MAY 2019

Sub. Code: 1802

**M.Sc. RADIOLOGY AND IMAGING TECHNOLOGY EXAMS
FIRST YEAR
PAPER II – CONVENTIONAL RADIOLOGICAL AND IMAGING
EQUIPMENT**

Q.P. Code : 281802

Time: Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Control of scattered radiation.
2. Mammography unit.

II. Write notes on:

(10 x 6 = 60)

1. Beam limiting devices.
2. Vidicon camera tube.
3. Types of grids.
4. Ammeter and Voltmeter.
5. Filament Circuit.
6. Types of Filters.
7. Anode heel effect.
8. Stationary anode X-ray tube.
9. Main voltage compensator.
10. Anode rating chart.
