

**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

[AHS 0321]

**MARCH 2021**

**Sub. Code: 2503**

**(OCTOBER 2020 EXAM SESSION)**

**M.Sc. RADIOGRAPHY AND IMAGING TECHNOLOGY**

**FIRST YEAR (From 2019-2020 onwards)**

**PAPER III – RADIOGRAPHIC AND IMAGING TECHNIQUES**

***Q.P. Code : 282503***

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate notes on:**

**(2 x 20 = 40)**

1. Explain in detail the different views in spine imaging.
2. Describe the different techniques for obtaining abdominal radiographs:
  - a) Discuss the preferred views in a patient with suspected intestinal obstruction, when Patient is ambulant and also in very sick patient?
  - b) Discuss the techniques to demonstrate suspected pneumoperitoneum in the same Patient groups as above.

**II. Write Short Notes on:**

**(10x6 = 60)**

1. Carpel tunnel view
2. Soft tissue radiography.
3. Dental radiography.
4. Brief Forensic Radiography
5. Patellar imaging.
6. Different views for Calcaneum
7. Mammographic techniques and positioning
8. Radiographic techniques for suspected pneumothorax
9. Basic views for imaging wrist.
10. Macro radiography

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