

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

**[AHS 0922]**

**SEPTEMBER 2022**

**Sub. Code: 1411**

**(FEBRUARY 2022 & AUGUST 2022 EXAM SESSIONS)**

**DIPLOMA IN RADIOLOGY IMAGING TECHNOLOGY**

**SECOND YEAR – (Regulation from 2010-2011)**

**PAPER I – CLINICAL RADIOGRAPHY POSITIONING**

***Q.P. Code: 841411***

**Time: Three Hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. Describe various X-ray techniques used in knee joint evaluation. Write about special views taken for knee joint injuries.
2. Explain in detail about various views of mammography.
3. Describe in detail about various radiographic techniques and views for chest.

**II. Write notes on:**

**(10 x 5 = 50)**

1. Various stress views of ankle joint.
2. Forensic radiography.
3. X-ray KUB technique and positions used for imaging.
4. X-ray techniques used for barium swallow imaging.
5. MCU – positioning and views.
6. Stryker's view.
7. Frog-leg view.
8. Fluoroscopy.
9. Double exposure technique.
10. X-ray views of pneumoperitoneum.

**III. Short answers on:**

**(10 x 2 = 20)**

1. Gonadal shielding.
2. Low KV technique.
3. Skin marker.
4. Dental radiography.
5. Shoulder joint external rotation view.
6. Caldwell's view.
7. Tunnel view of knee joint.
8. Merchant view.
9. Oblique view of hand.
10. Cephalometry.

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