

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

**[AHS 0321]**

**MARCH 2021**

**Sub. Code: 3603**

**(OCTOBER 2020 EXAM SESSION)**

**POST GRADUATE DIPLOMA IN RADIOLOGY & IMAGING TECHNOLOGY**

**(From 2014-2015 onwards)**

**PAPER III – CLINICAL RADIOGRAPHY AND DARK ROOM TECHNIQUES**

***Q.P. Code : 363603***

**Time : Three hours**

**Answer ALL Questions**

**Maximum : 100 Marks**

**I. Elaborate notes on:**

**(2 x 20 = 40)**

1. Explain in detail the layers and their functions in single coated emulsion film.
2. Various views of skull radiography.

**II. Write Short Notes on:**

**(10x6 = 60)**

1. Radiography in operation theatre.
2. Dental X-ray techniques
3. Types of Intensifying screens
4. Quantum mottle.
5. Special X- ray views for knee joint
6. Dark room safe light.
7. Structure of X-ray cassette.
8. Waters and Caldwell views for paranasal sinuses
9. Replenisher solutions.
10. Advantages of automatic processor.

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