

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

**[LQ 1120]**

**NOVEMBER 2020  
(MAY 2020 EXAM SESSION)**

**Sub. Code: 3604**

**P.G. DIPLOMA IN RADIOLOGY & IMAGING TECHNOLOGY  
FIRST YEAR – (Regulation 2014 – 2015)  
PAPER IV – CONTRAST AND SPECIAL RADIOGRAPHIC PROCEDURES  
Q.P. CODE: 363604**

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Micturation Cystourethrogram (MCU) - indications, contra-indications, patient preparation, procedure, radiographic views.
2. Draw a labeled diagram explaining about the Hystero Salphingo Graphy (HSG) procedure.

**II. Write notes on:**

**(10 x 6= 60)**

1. Indication, contra indication and procedure for Barium Meal Follow Through.
2. Percutaneous Transhepatic Cholangiography – indication, contra–indication and procedure.
3. List the Emergency Equipments and drugs kept in the Radiology department.
4. After care of patient in conventional Angiographic procedure.
5. Advantages of the preliminary or Pilot Films.
6. Venography.
7. Volume of contrast and filming in the case of Paediatric IVU.
8. Why do we use Luke warm preparation in Barium Enema? Uses of effervescent in barium swallow.
9. Negative contrast media and their uses
10. Indications for Digital Subtraction Angiography. What is road mapping in DSA?

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