

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

[AHS 0921]

**SEPTEMBER 2021  
(MAY 2021 EXAM SESSION)**

**Sub. Code: 1814**

**M.Sc. RADIOLOGY AND IMAGING TECHNOLOGY  
SECOND YEAR (From 2017-2018 onwards)  
PAPER IV – INTERVENTION RADIOLOGICAL TECHNIQUES AND PATIENT CARE  
*Q.P. Code : 281814***

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate notes on:**

**(2 x 20 = 40)**

1. Cardiac catheterisation technique
  - a) PTCA
  - b) CABG
2. CT guided intervention procedures FNAC/ CT guided biopsy

**II. Write Short Notes on:**

**(10x6 = 60)**

1. Mention properties of barium and add a note on barium swallow
2. Hot air oven method of Sterilisation
3. Contrast enhanced CT abdomen- protocol
4. Describe in detail about intravenous pyelography- procedure, indication, contraindication, complication
5. MRCP
6. Describe about CT cisternography techniques and indication
7. Disinfectants, note on hydrogen peroxide
8. Describe in detail about classification of contrast agents
9. Coronary arteriography
10. Tray content for intervention in CT guided lung biopsy

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