

**B.Sc. IN MEDICAL IMAGING TECHNOLOGY  
(BMIT)**

**Term-End Examination  
December, 2012**

**BAHI-054 : CARE OF PATIENTS FOR RADIO  
DIAGNOSTIC PROCEDURES**

*Time : 3 hours*

*Maximum Marks : 70*

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**PART - A**

Attempt *any five* questions. Each carries 8 marks.

1. What precautions are to be taken before a patient is taken up for : 8x5=40
  - (a) MRI
  - (b) CT angiography
  
2. Enumerate the types of Barium procedures for GI tract. Describe briefly the preparation of the patient for double contrast barium enema.
  
3. What is HSG and its indications ? Describe the precautions to be taken before a patient is taken up for HSG.

4. Enumerate contrast reactions. Enlist the drugs kept in the emergency tray.
  
5. Describe briefly the patient preparation and care for CT angiography of abdominal aorta.
  
6. What is MRCP ? Explain the patient preparation for MRCP.
  
7. Describe the patient care for a case of trauma with suspected fracture of cervical vertebra who has been brought to you for X-ray of cervical spine.

## PART - B

Write short notes on *any five*. Each carries  
6 marks. 6x5=30

- (a) Contraindications of contrast media
  - (b) Preparation of patient for X-ray PNS
  - (c) Preparation of patient for Barium enema -  
doubled contrast.
  - (d) Patient care in BaMFT
  - (e) Non Ionic contrast media
  - (f) Patient care for MR urography
  - (g) Mechanism of action of iodinated contrast  
agents.
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