

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

**Term-End Examination**

**June, 2013**

00842

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

*Time : 3 hours*

*Maximum Marks : 70*

**PART - A**

Attempt *any five* questions. Each question carries  
8 marks. 8x5=40

1. Explain briefly the types of barium preparations used in different procedures for GI Tract.
2. Classify MR contrast agents. Explain the mechanism of action of MR contrast agents.
3. Describe the patient preparation for MRCP.
4. Enumerate different views in which films are taken in a double contrast barium enema.
5. How will you prepare a patient for IVP ? Explain briefly the steps of IVP.
6. Explain in brief the contraindications of iodinated contrast media.
7. Describe in brief the procedure for HSG and how will you prepare the patient for HSG ?

## PART - B

8. Write short notes on *any five* of the following.  
Each carries 6 marks. 6x5=30
- (a) Contraindications of MRI
  - (b) Bowel preparation for MRI abdomen
  - (c) Emergency tray in Radiology department
  - (d) Non-ionic iodinated contrast media
  - (e) Patient care in MCU
  - (f) Patient care in USG guided FNAC of renal mass.
  - (g) Patient care in skull trauma radiography.
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