

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

Term-End Examination

00106

June, 2016

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

Time : 3 hours

Maximum Marks : 70

***Note :** Attempt any **five** questions from Part A. Each question carries 8 marks. Part B consists of one question which is **compulsory**. It carries 30 marks.*

PART A

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

1. What precautions will you observe during the radiography of a head injury of a 30-year-old female patient ? 8

2. Explain the role of anaesthesia in diagnostic procedures. How will you decide upon anesthesia required for any patient ? 4+4=8

3. Describe in detail why barium sulphate is preferred in evaluation of GIT and its contraindications. 4+4=8

4. Enlist iodinated contrast media used in radiology. Which contrast media will you prefer for RGU and why? 4+4=8

5. Explain the patient preparation for DSA. What precautions will you observe during the procedure? 4+4=8

6. Explain the role and responsibilities of a radiographer in MRI. 4+4=8

7. Enlist all the precautions observed by you (Radiographer) during pre-operative cholangiography. 8

PART B

8. Explain the patient preparation and precautions of any *five* of the following procedures : 5×6=30

- (a) HSG
 - (b) Barium Enema
 - (c) Pelvic Ultrasound
 - (d) Chest Radiography of Infant
 - (e) Radiography for Intestinal Perforation
 - (f) T-Tube Cholangiography
 - (g) Enteroclysis
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