

B.Sc. MEDICAL TECHNOLOGY (RADIOGRAPHY & IMAGING) (BRIT)
SEMESTER -II EXAMINATION, JUNE-2026

(BRIT204) PATIENT MANAGEMENT & CARE -II

[Time allotted: Three Hours]

[Max Marks: 100]

Note: Read all the instructions carefully

Answer all questions in serial order, Draw suitable diagrams wherever necessary

Q. 1. Objective type questions: (Attempt All)

(10 x 02 = 20)

(Very short/ Short answer/ MCQ/ One liners/ Fill in the blanks/ True/False)

- a. Vomit during contrast administration is a sign of (CO3)
- b. Co2 gives the negative contrast effect. **(True / False)** (CO6)
- c. Pelvis shield is given to protect- (CO1)
 - i. Chest
 - ii. Thyroid
 - iii. Lower abdomen
 - iv. Skull
- d. Door must be closed during radiation exposure. **(True / False)** (CO7)
- e. Traumatic patient should notfor various X-ray projection (CO2)
- f. What is the speed of radiation ? (CO2)
- g. Room no of MRI is.....? (CO6)
- h. How does Iodine contrast appear on films? (CO2)
- i. What contrast is given as enema in CT Pelvis study? (CO6)
- j. Gadolinium Can be given as oral contrast in MRI – **(True / False)** (CO7)

Q. 2. Short notes/ Short answer type questions (Attempt any Five)

(05 x 04 = 20)

- a. What is PPE? (CO3)
- b. What is the role of requisition forms? (CO1)
- c. What are the advantages of water-soluble non-ionic contrast media? (CO6)
- d. What is the use of stent T-Tube in contrast injection? (CO6)
- e. Why is the previous investigation asked from patient? (CO7)
- f. Which test is required Compression during investigation and why? (CO6)
- g. Which Patient is advised to change clothes for radiological investigations? (CO6)

Q. 3. Structured questions (Attempt any Three)

(03 x 10 = 30)

- a. What is angiography? (CO3)
- b. How to care of lead apron in Radiology department? (CO2)
- c. What are the type of contrast media? (CO3)
- d. What is crash cart? (CO3)

Q. 4. Long Answer/ Essay type questions (Attempt any Two)

(02 x 15 = 30)

- a. How would you prepare a patient for CECT abdomen? (CO2)
- b. Which history ask to patient who undergone for MRI investigations? (CO6)
- c. What are the precaution while handling with geriatric patients? (CO1)