



MANIPAL ACADEMY OF HIGHER EDUCATION

FOURTH SEMESTER B.Sc. M.I.T. DEGREE EXAMINATION - AUG/SET 2018
SUBJECT: BMIT 206 - RADIOGRAPHIC SPECIAL PROCEDURES AND PATIENT CARE (PART 2)
(2016 SCHEME)

Tuesday, September 04, 2018 (10.00 - 13.00 Hrs.)

Answer ALL the questions.

Draw the diagrams whenever required.

Marks: 100

Duration: 180 mins.

- 1) Explain the anatomy of urinary system. Describe the indications, contraindications, preparation, filming and complications for intravenous pyelogram. (20)
- 2) Name the various available barium studies for evaluation of gastro-intestinal tract and discuss in detail about the double contrast barium meal study. (20)
- 3) Explain anatomy of the female reproductive system. Explain the therapeutic procedure done for cornual end block. (10)
- 4) Describe the radiographic procedure to study the nasolacrimal duct. (10)

5. Discuss the following:

- 5A) Biphasic study (5)
- 5B) Special barium enema studies. (5)
- 5C) Single contrast enteroclysis. (5)
- 5D) Types of contrast reactions. (5)
- 5E) Positive contrast media. (5)
- 5F) Difference between jejunum and ileum. Add a short note on air enteroclysis. (5)

6. Write short notes on:

- 6A) Drip infusion urography. (2)
- 6B) Complications of voiding cystourethrography. (2)
- 6C) Indications for small bowel enema. (2)
- 6D) Siphon test. (2)
- 6E) Oily contrast media. (2)