

# Question Paper

Exam Date & Time: 20-Feb-2024 (10:00 AM - 01:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

THIRD SEMESTER B.Sc. MEDICAL IMAGING TECHNOLOGY DEGREE EXAMINATION - FEBRUARY 2024  
SUBJECT: MIT2102-RADIOGRAPHIC SPECIAL PROCEDURES  
(2020 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

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| 1)  | Illustrate in detail the anatomy of the female reproductive system. Explain the procedure to treat cornual end blocks.   | (20) |
| 2)  | Illustrate in detail the anatomy of the gastrointestinal system. Describe the preparation, procedure and filming techniques done to evaluate jejunum and ileum | (20) |
| 3)  | Explain in detail contrast media reactions   | (10) |
| 4)  | Explain the indications, contraindication, procedure and filming done for retrograde pyeloureterography  | (10) |
| 5A) | Outline patient preparation and post procedural care for angiography   | (5)  |
| 5B) | Explain the procedure and filming techniques for hysterosalpingography using canula method   | (5)  |
| 5C) | Outline procedure and filming techniques for parotid sialography   | (5)  |
| 5D) | Illustrate procedure to evaluate nasolacrimal duct   | (5)  |
| 5E) | Illustrate barium swallow for achalasia  | (5)  |
| 5F) | Outline filming technique in single contrast barium enema  | (5)  |
| 6A) | Outline filming techniques for ascending urethrography   | (2)  |
| 6B) | List patient preparation for barium meal   | (2)  |
| 6C) | List out advantages and disadvantages of single contrast over double contrast studies.   | (2)  |
| 6D) | Explain sterilization of catheters   | (2)  |
| 6E) | Outline features of visipaque  | (2)  |

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