

Question Paper

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



MANIPAL ACADEMY OF HIGHER EDUCATION

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

Marks: 100

Duration: 180 mins.

Answer all the questions.

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| 1) | Explain contrast media toxicity. Classify the severity of reactions and a note on its management. | (20) |
| 2) | Illustrate in detail the anatomy of the urinary system. Describe the preparation, procedure and filming techniques done to evaluate the lower urinary tract. | (20) |
| 3) | Explain in detail the technique and complications for direct needle puncture. | (10) |
| 4) | Explain the indications, contraindication, procedure and filming done to visualize nasolacrimal duct. | (10) |
| 5A) | Outline patient preparation for barium meal follow through | (5) |
| 5B) | Explain the procedure and filming techniques for hysterosalpingography using foley's catheter. | (5) |
| 5C) | Outline procedure and filming techniques for sialography | (5) |
| 5D) | Explain in detail tubeless hypotonic duodenography | (5) |
| 5E) | Illustrate barium swallow for gastroesophageal reflux disease | (5) |
| 5F) | Compare anatomical features of jejunum and ileum | (5) |
| 6A) | Outline the adverse effects of barium | (2) |
| 6B) | Summarize features of omnipaque contrast media | (2) |
| 6C) | Compare MCU and ASU | (2) |
| 6D) | Illustrate catheters used in visceral angiography | (2) |
| 6E) | List out cathartics used in Barium enema | (2) |

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