

Question Paper

Exam Date & Time: 19-Apr-2022 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

THIRD SEMESTER B.Sc. MEDICAL IMAGING TECHNOLOGY DEGREE EXAMINATION - APRIL 2022
SUBJECT: MIT 2102 - RADIOGRAPHIC SPECIAL PROCEDURES
(2020 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

- 1) Illustrate in detail the anatomy of the female reproductive system. Describe the preparation, procedure and filming techniques done to evaluate the uterine cavity and fallopian tube. (20)
- 2) Discuss in detail the adverse effects of water soluble contrast media and its management. (20)
- 3) What is small bowel enema? Explain the indication, equipment, preparation, technique and filming for single contrast procedure. (10)
- 4) Discuss an alternative procedure to evaluate the renal pelvis and ureter in patient who cannot receive intravenous contrast medium. (10)
- 5A) Filming techniques for submandibular sialography. (5)
- 5B) List out the patient preparation required for barium meal. (5)
- 5C) Biphasic study of upper GIT. (5)
- 5D) Outline procedure to perform high dose urography. (5)
- 5E) Barium swallow for hiatus hernia. (5)
- 5F) Outline the characteristics of Iohexol. (5)
- 6A) Compare Micturating cystourethrography and ascending urethrogram. (2)
- 6B) List out the use of air/water during contrast GIT studies. (2)
- 6C) Indication for cerebral angiography. (2)
- 6D) Illustrate catheters used for aortogram. (2)
- 6E) Outline filming technique for pyriform fossa. (2)

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