

[LP 1019]

OCTOBER 2019

Sub. Code: 1814

**M.Sc. RADIOLOGY AND IMAGING TECHNOLOGY EXAMS
SECOND YEAR
PAPER IV – INTERVENTION RADIOLOGICAL TECHNIQUES
AND PATIENT CARE**

Q.P. Code : 281814

Time: Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Arthrography. Modalities available. Detail about CT Arthrography techniques and indication.
2. Write in detail about infection control and sterile techniques in Intervention Radiology.

II. Write notes on:

(10 x 6 = 60)

1. Peripheral Venography.
2. Angiocardiology.
3. T Tube Cholangiogram.
4. Cerebral Angiography Techniques and Projection.
5. Tray content for intervention in Standard Angiography.
6. Pre and Intra procedure nursing preparation in Intervention.
7. Brief note on various Catheters in an Intervention room.
8. Hot air oven method of Sterilisation.
9. Antimicrobial Sensitivity Test.
10. Disinfectants, note on ethylene oxide.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0321]

MARCH 2021

Sub. Code: 1814

(OCTOBER 2020 EXAM SESSION)

M.Sc. RADIOLOGY AND IMAGING TECHNOLOGY

SECOND YEAR (From 2017-2018 onwards)

PAPER IV – INTERVENTION RADIOLOGICAL TECHNIQUES AND PATIENT CARE

Q.P. Code : 281814

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate notes on:

(2 x 20 = 40)

1. Comment on barium properties and add a note on barium studies- barium swallow, barium meal, barium meal follow through, barium enema
2. Uses of microscope in the study of bacteria and types and uses of culture media in diagnostic bacteriology

II. Write Short Notes on:

(10x6 = 60)

1. Add a note on MRCP
2. CT pulmonary angiography
3. MR protocol for adrenal lesions
4. Micturiting cystourethrography
5. MR defecogram
6. Brief note on various guidewires in an intervention room
7. MR Sequences in epilepsy
8. Myelography
9. Antibiotic sensitivity testing
10. Loopogram

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0921]

**SEPTEMBER 2021
(MAY 2021 EXAM SESSION)**

Sub. Code: 1814

**M.Sc. RADIOLOGY AND IMAGING TECHNOLOGY
SECOND YEAR (From 2017-2018 onwards)
PAPER IV – INTERVENTION RADIOLOGICAL TECHNIQUES AND PATIENT CARE
*Q.P. Code : 281814***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate notes on:

(2 x 20 = 40)

1. Cardiac catheterisation technique
 - a) PTCA
 - b) CABG
2. CT guided intervention procedures FNAC/ CT guided biopsy

II. Write Short Notes on:

(10x6 = 60)

1. Mention properties of barium and add a note on barium swallow
2. Hot air oven method of Sterilisation
3. Contrast enhanced CT abdomen- protocol
4. Describe in detail about intravenous pyelography- procedure, indication, contraindication, complication
5. MRCP
6. Describe about CT cisternography techniques and indication
7. Disinfectants, note on hydrogen peroxide
8. Describe in detail about classification of contrast agents
9. Coronary arteriography
10. Tray content for intervention in CT guided lung biopsy
