

[LN 1018]

OCTOBER 2018

Sub. Code: 1803

**M.Sc. RADIOLOGY AND IMAGING TECHNOLOGY EXAMS  
FIRST YEAR  
PAPER III – RADIOGRAPHIC AND IMAGING TECHNIQUES**

*Q.P. Code : 281803*

**Time: Three hours**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Discuss about various vertebral views & techniques taken for Scoliosis, Kyphosis and Kyphoscoliosis in pediatric patients.
2. Describe in detail about mammography physics, basic views & positioning.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Macroradiography.
2. Sternoclavicular joint view.
3. Acute abdomen radiography.
4. Views for pelvic injury.
5. Wrist injury views.
6. High KV technique in thorax imaging.
7. Patellar imaging.
8. Dental radiography.
9. Neonatal radiography technique.
10. Paranasal sinus views.

\*\*\*\*\*

[LO 0519]

MAY 2019

Sub. Code: 1803

**M.Sc. RADIOLOGY AND IMAGING TECHNOLOGY EXAMS  
FIRST YEAR  
PAPER III – RADIOGRAPHIC AND IMAGING TECHNIQUES**

***Q.P. Code : 281803***

**Time: Three hours**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Describe physics of mammography, standard views used and their positioning technique with relevant representative diagram.
2. Describe common projections and techniques used for skull, facial bones, mandible, petrous temporal bone, temporomandibular joint and sella.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Patellar imaging.
2. Wrist – scaphoid and carpal tunnel views.
3. Hip joint views.
4. Common skull radiography techniques.
5. Paediatric skeletal survey for non accidental injury.
6. Macroradiography.
7. Paranasal sinuses views.
8. Chest radiograph – basic and supplementary views.
9. Cervical spine-radiography.
10. Bedside radiography of chest and abdomen.

\*\*\*\*\*

[LP 1019]

OCTOBER 2019

Sub. Code: 1803

**M.Sc. RADIOLOGY AND IMAGING TECHNOLOGY EXAMS  
FIRST YEAR  
PAPER III – RADIOGRAPHIC AND IMAGING TECHNIQUES**

*Q.P. Code : 281803*

**Time: Three hours**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Enumerate the radiographic techniques and views for spine in Kyphoscoliosis.
2. Paediatric radiography:
  - a) Chest and abdomen techniques (neonatal and post neonatal).
  - b) Pelvis and hip joint views.
  - c) Leg length assessment.
  - d) Bone age.

**II. Write notes on:**

**(10 x 6 = 60)**

1. High kV techniques in thorax.
2. Shoulder radiography for trauma cases.
3. Pelvis and sacroiliac joint views.
4. Acute abdomen radiography.
5. Strategies in bariatric radiography.
6. Percutaneous and ingested foreign body radiography.
7. Skeletal survey.
8. Hands and fingers – common radiographic techniques.
9. Patellar imaging.
10. Paranasal sinuses views.

\*\*\*\*\*

[LQ 1019]

**NOVEMBER 2020**

**Sub. Code: 1803**

**M.Sc. RADIOLOGY AND IMAGING TECHNOLOGY EXAMS  
FIRST YEAR  
PAPER III – RADIOGRAPHIC AND IMAGING TECHNIQUES**

***Q.P. Code : 281803***

**Time: Three hours**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Enumerate the radiographic techniques and views for spine in Kyphoscoliosis.
2. Paediatric radiography:
  - a) Chest and abdomen techniques (neonatal and post neonatal).
  - b) Pelvis and hip joint views.
  - c) Leg length assessment.
  - d) Bone age.

**II. Write notes on:**

**(10 x 6 = 60)**

1. High kV techniques in thorax.
2. Shoulder radiography for trauma cases.
3. Pelvis and sacroiliac joint views.
4. Acute abdomen radiography.
5. Strategies in bariatric radiography.
6. Percutaneous and ingested foreign body radiography.
7. Skeletal survey.
8. Hands and fingers – common radiographic techniques.
9. Patellar imaging.
10. Paranasal sinuses views.

\*\*\*\*\*