



RAN - 2006210101010001

**RAN-2006210101010001**

**DMRD Examination**

**August - 2020**

**Radiodiagnosis-Paper I**

**[ Total Marks: 100**

**सूचना : / Instructions**

नीचे दशाविले निशानीवाणी विगतो उत्तरवही पर अवश्य लખवी.  
Fill up strictly the details of signs on your answer book

Name of the Examination:

DMRD

Name of the Subject :

Radiodiagnosis-Paper I

Subject Code No.: 2006210101010001

Seat No.:

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Student's Signature

- Q 1.** Define the radiographic image contrast. Describe the factors influencing the radiographic image contrasts. Draw and explain the characteristic curve of film. (25)
- Q 2.** Discuss the effect of excessive whole body exposure to ionizing radiation. State the general shielding requirements for diagnostic x-ray facilities. What are the techniques for customizing CT radiation dose? (25)
- Q 3.** What is the principal of digital radiography? How is it different from computed radiography? Write in brief about dual panel DR system. (25)
- Q 4. Write short notes on:**
- (a) CT artifacts (9)
  - (b) Automatic tube current modulation (8)
  - (c) Automatic film processor (8)



**RAN-3801**

**M.D. Examination**

**July - 2020**

**Radiodiagnosis : Paper - II**

**[ Total Marks: 100**

**सूचना : / Instructions**

नीचे दृशविले निशानीवाणी विगतो उत्तरवही पर अवश्य लभवी.  
Fill up strictly the details of signs on your answer book

Name of the Examination:  
M.D.

Name of the Subject :  
Radiodiagnosis : Paper - II

Subject Code No.: 3 8 0 1

Seat No.:

Student's Signature

1. All questions are compulsory.
2. The number on right indicates full marks.
3. Draw diagram wherever necessary.

1. Enumerate different varieties of osteosarcoma. Discuss Imaging features of various Surface osteosarcomas. **20**
2. Discuss the differences between intraaxial and extraaxial masses in brain. Describe the imaging features of parasellar masses. **20**
3. Briefly discuss the pathophysiology of Pulmonary Embolism. Describe the role of imaging in pulmonary the thrombo-embolism. **20**
4. Causes and differential diagnosis of intramedullary neoplasm. **10**
5. BIRADS classification. **10**
6. Causes and imaging features of constrictive pericarditis. **10**
7. Total anomalous pulmonary venous return. **10**



RAN - 2006210101030001

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**DMRD Examination**

**August - 2020**

**Radiodiagnosis-Paper III**

**[ Total Marks: 100**

**सूचना : / Instructions**

नीचे दृष्टवित नशानीवाणी विगतो उत्तरवही पर अवश्य लभवी.  
Fill up strictly the details of signs on your answer book

Name of the Examination:

DMRD

Name of the Subject :

Radiodiagnosis-Paper III

Subject Code No.: 2006210101030001

Seat No.:

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Student's Signature

- Q 1.** Discuss the clinico-pathology aspect of CNS tuberculosis. (25)  
Describe the imaging modalities and features of CNS tuberculosis.
- Q 2.** Write in brief about role of color Doppler ultrasound in IUGR. (25)
- Q 3.** Discuss the role of imaging in various salivary glands diseases. (25)
- Q 4.** Write short notes with imaging features on:
- (a) Scintigraphy in renal disease (8)
  - (b) Rickets (8)
  - (c) Diffusion Tensor Imaging (9)