



N-2106121401010001

M. D. Examination

June/July - 2021

Radiodiagnosis : Paper - I

Time : 3 Hours]

[Total Marks : 100

**Instructions :**

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
M. D.	<input type="text"/>
Name of the Subject :	<input type="text"/>
Radiodiagnosis - I	<input type="text"/>
Subject Code No. :	Section No. (1, 2,.....) : Nil
2 1 0 6 1 2 1 4 0 1 0 1 0 0 0 1	<input type="text"/>
	Student's Signature

- (2) All the questions are compulsory.
- (3) Draw the diagram wherever necessary.
- (4) Please write legibly.
- (5) Marks for each question is written on right side.

- |   |  |    |
|---|--|----|
| 1 | Draw anatomy of retroperitoneum and discuss approach for investigation of retroperitoneal lesions.   | 20 |
| 2 | Discuss basic principles of C.T. Scan and C.T. Angiography.  | 20 |
| 3 | Describe radiological anatomy of cranio-vertebral junction. Discuss various cranio-vertebral anomalies and their radiological appearances. | 20 |
| 4 | Principle of USG & color doppler.  | 10 |
| 5 | Differences between conventional X-ray tube and mammography tube.  | 10 |
| 6 | GRID.  | 10 |
| 7 | Lead in Radiology.   | 10 |

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M. D. Examination

June/July - 2021

Radiodiagnosis : Paper - II

Time : 3 Hours]

[Total Marks : 100

**Instructions :**

(1)

नीचे दृशवित्त निशानीवाणी विगतो उत्तरवही पर अवश्य लपवी.  
Fillup strictly the details of signs on your answer book.

Name of the Examination :  
M. D.

Name of the Subject :  
Radiodiagnosis - II

Subject Code No. : 2 1 0 6 1 2 1 4 0 1 0 2 0 0 0 1

Section No. (1, 2,.....): Nil

Seat No. :

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Student's Signature

- (2) All the questions are compulsory.
- (3) Draw the diagram wherever necessary.
- (4) Please write legibly.
- (5) Marks for each question is written on right side.

- 1 Draw anatomy is pulmonary segments & enlist them. 20  
Discuss about role of radio-imaging is suspected infective lesion.
- 2 Discuss role of X-ray, Ultrasound and MRI in various 20  
nontraumatic lesions of shoulder.
- 3 Classify CNS tumors. Write in detail about CP angle 20  
tumors.
- 4 Soft tissue calcifications. 10
- 5 Role of skeletal radiography in estimation of bone age. 10
- 6 Carotid body and Glomus jugulare tumor - site & 10  
imaging findings.
- 7 Retinoblastoma. 10



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M. D. Examination

June/July - 2021

Radiodiagnosis : Paper - III

Time : 3 Hours]

[Total Marks : 100

**Instructions :**

(1)

नीचे दशावलि निशानीवाणी विगतो उत्तरवही पर अवश्य दायवी. Fillup strictly the details of signs on your answer book. Name of the Examination :	Seat No.:
M. D.	<input type="text"/>
Name of the Subject :	<input type="text"/>
Radiodiagnosis - III	<input type="text"/>
Subject Code No. :	<input type="text"/>
Section No. (1, 2,.....): Nil	<input type="text"/>
2 1 0 6 1 2 1 4 0 1 0 3 0 0 0 1	<input type="text"/>
	Student's Signature

- (2) All the questions are compulsory.
- (3) Draw the diagram wherever necessary.
- (4) Please write legibly.
- (5) Marks for each question is written on right side.

- 1 Enumerate causes of pain in right iliac fossa in a 20 year old married female. Discuss the role of imaging in evaluation of this case. 20
- 2 How will you investigate a 40 year old male patient having hematemesis in fully equipped radio-imaging center? 20
- 3 What is lead point ? Enumerate them. Discuss role of radio-imaging in management of intussusception in pediatric age group. 20
- 4 PIRADS. 10
- 5 Adrenal incidentaloma. 10
- 6 Role of radiology in focal splenic lesions. 10
- 7 Color doppler in portal hypertension. 10



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M. D. Examination

June/July - 2021

Radiodiagnosis : Paper - IV

Time : 3 Hours]

[Total Marks : 100

**Instructions :**

(1)

नीचे दर्शाविए निशानीवाणी विगतो उत्तरवही पर अवश्य लपवी.  
Fillup strictly the details of signs on your answer book.

Name of the Examination :  
M. D.

Name of the Subject :  
Radiodiagnosis - IV

Subject Code No. : 2 1 0 6 1 2 1 4 0 1 0 4 0 0 0 1

Section No. (1, 2,.....): Nil

Seat No. :

Student's Signature

- (2) All questions are compulsory.
- (3) Draw diagram wherever necessary.
- (4) Please write legibly.
- (5) Marks of each question is written on right side.

- |   |   |    |
|---|---|----|
| 1 | Describe technique of MR Arthrography. Enumerate its indications, advantages and limitations. | 20 |
| 2 | Role of interventional radiology in pelvic pathology.   | 20 |
| 3 | Discuss fusion imaging with key examples of each.   | 20 |
| 4 | Triple markers test with first trimester anomaly scan correlation.                            | 10 |
| 5 | Radio frequency ablation- indication/protocol/method.   | 10 |
| 6 | Role of scintigraphy in evaluation of myocardium.   | 10 |
| 7 | Ultrafast MR imaging.   | 10 |

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