

BB-2106121401010001

M. D. (Radio Diagnosis) (Sem. VI) Examination

April - 2022

Anatomy & Physics : Paper - I

(Medical Radiology & Basic Medical Sciences)

Time : 3 Hours]

[Total Marks : 100

Instructions :

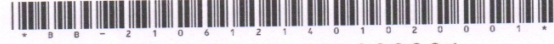
(1)

नीचे दशांश के निम्नलिखित विवरणों के उत्तर देने पर अवश्य बचनी। Fill up strictly the details of signs on your answer book.		Seat No. :
Name of the Examination :		
M. D. (Radio Diagnosis) (Sem. VI)		
Name of the Subject :		
Anatomy & Physics : Paper - I		
Subject Code No. :	Section No. (1, 2,.....) :	Student's Signature
2 1 0 6 1 2 1 4 0 1 0 1 0 0 0 1	NIL	

- (2) All questions are compulsory.
 - (3) Answer written in illegible handwriting will not be assessed.
 - (4) Write answer in both sides of the answer paper.
 - (5) Neat diagrams must be drawn wherever necessary.
 - (6) Write prescription where indicated and in use of drugs and their doses should be given.
-
- 1 Describe normal anatomy and variants of lower limb venous system and role of radiologist in treatment of varicose vein. 20
 - 2 Describe various MRI sequences and their application with recent advances. 20
 - 3 If the permissible radiation doses for all persons working in a particular DSA lab came high, what are likely causes of this increased radiation and what measures will you take to reduced it ? 20
 - 4 Short notes : 40
 - (a) Image reconstruction
 - (b) Elastography
 - (c) MRI Artifacts
 - (d) CT anatomy of neck spaces (Diagrams only)

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M. D. (Radio Diagnosis) (Sem. VI) Examination
April - 2022
Diagnostic Radiology : Paper - II

Time : 3 Hours]

[Total Marks : 100

Instructions :

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नीचे दृष्टावैल निशानीवाणी विजतो उत्तरवकी पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.	Seat No.:
Name of the Examination :	<input type="text"/>
• M. D. (Radio Diagnosis) (Sem. VI)	<input type="text"/>
Name of the Subject :	<input type="text"/>
• Diagnostic Radiology : Paper - II	<input type="text"/>
• Subject Code No.:	Section No. (1, 2,.....):
2 1 0 6 1 2 1 4 0 1 0 2 0 0 0 1	NIL
	Student's Signature

- (2) All questions are compulsory.
- (3) Neat diagrams must be drawn wherever necessary.
- (4) Write answer on both sides of answer book.
- (5) Answer written in illegible handwriting will not be assessed.
- (6) Write prescription where indicated and in use of drugs and their doses should be given.

- 1 Describe the role of CT and angiography in facial injuries. 20
- 2 Discuss the anatomy of CP angle. Discuss imaging features of various space occupying lesions in this region. 20
- 3 Describe imaging features of gastric carcinoma. 20
- 4 Write short notes on : 40
 - (a) Acute pancreatitis
 - (b) Coarctation of aorta
 - (c) Unilateral proptosis
 - (d) Carpal tunnel syndrome.



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M. D. (Radio Diagnosis) (Sem. VI) Examination

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Paper - III : Radiographic & Radiological
Techniques & Recent Advances

Time : 3 Hours]

[Total Marks : 100

Instructions :

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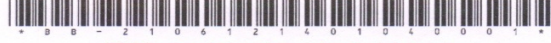
नीचे दृष्टावेक निशानीवाणी विस्तो उत्तरवही पर अवश्य लिखी. Fillup strictly the details of signs on your answer book.	Seat No. : <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
Name of the Examination : M. D. (Radio Diagnosis) (Sem. VI)	<div style="border: 1px solid black; border-radius: 15px; padding: 10px; width: 100px; height: 100px; margin: 0 auto;">Student's Signature</div>
Name of the Subject : Paper - III : Radiographic & Radiological Techniques & Recent Advances	
Subject Code No. : 2 1 0 6 1 2 1 4 0 1 0 3 0 0 0 1	
Section No. (1, 2,.....): NIL	

- (2) All questions are compulsory.
- (3) Neat diagrams must be drawn wherever necessary.
- (4) Write answer on both sides on answer book.
- (5) Answer written in illegible handwriting will not be assessed.
- (6) Write prescriptions where indicated and in use of drugs and their doses should be given.

- 1 Explain causes of rib notching and describe coarctation of aorta. 20
- 2 Describe role of imaging in seizure disorders. 20
- 3 Describe role of imaging in peripheral venous disorders. 20
- 4 Write short notes on :
 - (a) Renal papillary necrosis 10
 - (b) Pulmonary sequestration 10
 - (c) Carotico-cavernous fistula 10
 - (d) Pancreatic pseudocyst. 10

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M. D. (Radio Diagnosis) (Sem. VI) Examination

April - 2022

Paper - IV : General Medicine & General Surgery
as a Applicable to Radio-diagnosis

Time : 3 Hours]

[Total Marks : 100

Instructions :

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नीचे दशांशवेक निशानीवाणी विस्तारो उत्तरवही पर अवश्य लिखवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input checked="" type="checkbox"/> M. D. (Radio Diagnosis) (Sem. VI)	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input checked="" type="checkbox"/> Paper-IV: Gen. Medi. & Gen. Surgery as a Applicable to Radio-diagnosis	<input type="text"/>
Subject Code No. :	Section No. (1, 2,.....): NIL
<input type="text" value="2 1 0 6 1 2 1 4 0 1 0 4 0 0 0 1"/>	<input type="text" value=""/>
	Student's Signature

- (2) All questions are compulsory.
- (3) Answer written in illegible handwriting will not be assessed.
- (4) Write answer in both sides of the answer paper.
- (5) Neat diagrams must be drawn wherever necessary.
- (6) Write prescription where indicated and in use of drugs and their doses should be given.

- 1 Discuss role of radiologist in imaging of a patient with hemoptysis. 20
- 2 Discuss various indication, techniques, advantages and limitations of MRI in imaging of breast cancer. 20
- 3 Enumerate various causes of unilateral painful hip in a 10 years old child. Discuss the role of imaging in any two pathologies. 20
- 4 Short notes : 40
 - (a) Budd chiari syndrome
 - (b) Congenital hyperplastic pyloric stenosis
 - (c) Vasico-ureteric reflux
 - (d) HRCT of Paranasal sinus.

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