

April-1997

MP 141

M.D. DEGREE EXAMINATION  
Branch VIII - Radio Diagnosis  
(Revised Regulations)  
Part II - Final  
Paper II - RADIO DIAGNOSIS INCLUDING  
INSTRUMENTATION & CONTRAST STUDIES

Time: Three hours

Max.marks:100

Answer All Questions

1. Discuss the myelographic diagnosis of space occupying lesions in the spinal cord. (25)
2. Discuss the technique and interpretation of Double Contrast Barium Enema. (DCBE) (25)
3. Write briefly on:
  - (a) Hiatus hernia
  - (b) Cooling of X-ray tubes
  - (c) Hepatic hydatidosis
  - (d) Hysterosalpingography
  - (e) Pancoast's tumour.

(5x10=50)

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Time: Three hours

Max.marks:100

Answer All Questions

1. Discuss in detail transhepatic bili. drainage. (25)
2. Discuss the role of magnetic resonance imaging in posterior cranial fossa lesions. (25)
3. Write briefly on:
  - (a) Image intensifier
  - (b) Renal rickets
  - (c) Osteogenesis imperfecta
  - (d) Doppler Ultrasonography
  - (e) Contrast media used in urological studies. (5x10=50)

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SV 146

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Part II - Final

Paper II - RADIO DIAGNOSIS INCLUDING  
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Time: Three hours

Max.marks:100

Answer All Questions

1. Discuss the various contrast media, their advantages and disadvantages. (25)
2. Discuss the role of radiological and imaging methods to investigate a case of pancreatic tumour. (25)
3. Write briefly on:
  - (a) Mammography
  - (b) Spiral CT
  - (c) Acoustic neuroma
  - (d) Ectopic pregnancy
  - (e) Pulmonary sequestration.

(5x10=50)

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[SM 146]

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Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Describe the various techniques of enteroclysis and appearances of small bowel tumors on enteroclysis examination. (25)
2. Discuss the role of various imaging modalities in the evaluation of extracranial atherosclerotic carotid disease. (25)
3. Write short notes on : (5 × 10 = 50)
  - (a) Radiographic contrast
  - (b) Thymoma
  - (c) Hepatic metastases
  - (d) Nonionic contrast media
  - (e) Renal oncocytoma.

April-1999

[§G 146]

Sub. Code : 2033

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Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the role of various imaging modalities in the diagnosis and management of a patient with blunt renal trauma. (25)
  2. Draw the basic structure of a transducer. Discuss merits and demerits of various transducers available. Describe the principle of colour Doppler flow imaging. (25)
  3. Write briefly on : (5 × 10 = 50)
    - (a) Placental maturity on sonography.
    - (b) MR Sequences in evaluation of focal liver lesions.
    - (c) 3 D CT angiography.
    - (d) Contrast peripheral venography and colour doppler sonography : compare and contrast.
    - (e) Tumours containing Giant cells.
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October-1999

[KA 145]

Sub. Code : 2033

M.D. DEGREE EXAMINATION.

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Branch VIII — Radio Diagnosis

Part II — (Final)

Paper II — RADIO DIAGNOSIS INCLUDING  
INSTRUMENTATION AND CONTRAST STUDIES

Time : Three hours                      Maximum : 100 marks

All questions are to be answered.

1. Discuss the role of Radiological and Imaging Investigation in differential diagnosis of Pancreatic Malignancy. (25)
2. How does U.S.G. help in the differential diagnosis in testicular swellings? (25)
3. Write short notes on : (5 × 10 = 50)
  - (a) Transvaginal ultrasonography
  - (b) Colour doppler U.S.G.
  - (c) Rheumatoid arthritis
  - (d) Aethrography
  - (e) E.R.C.P.

April-2000

[KB 145]

Sub. Code : 2043

M.D. DEGREE EXAMINATION.

(Revised Regulations)

Branch VIII — Radio Diagnosis

Part II — Final

Paper II — RADIO DIAGNOSIS INCLUDING  
INSTRUMENTATION AND CONTRAST STUDIES

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the role of various imaging modalities in the evaluation of adrenal mass lesions. (25)
  2. Explain the principle of magnetic resonance imaging. Explain T1 and T2 relaxations and describe pulse sequences commonly used in imaging. (25)
  3. Write briefly on :
    - (a) Hysterosonography
    - (b) MRCP (Magnetic Resonance Cholanagio Pancreaticography)
    - (c) Role of 3D CT in pelvic trauma
    - (d) Parasitic calcification of soft tissues
    - (e) Double contrast barium enema. (5 × 10 = 50)
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October-2000

[KC 145]

Sub. Code : 2043

M.D. DEGREE EXAMINATION.

Branch VIII — Radio Diagnosis

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Part II — Final

Paper II — RADIO DIAGNOSIS INCLUDING  
INSTRUMENTATION AND CONTRAST STUDIES

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Enumerate the causes of lower gastrointestinal tract bleed and the role of radiology in evaluation and management of lower GI bleed. (25)
  2. Classify the intravascular contrast media. Describe the properties of low osmolar contrast media. Discuss in detail the advantages and disadvantages of low osmolar contrast media when compared to high osmolar contrast media. (25)
  3. Write briefly on : (5 × 10 = 50)
    - (a) CNS lymphoma
    - (b) Osteoid osteoma
    - (c) Scimitar syndrome
    - (d) Omniscan
    - (e) C.T. angiography.
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