MD (RADIODIAGNOSIS) DEGREE EXAMINATION - APRIL 2011

SUBJECT: PAPER I: BASIC SCIENCES

Monday, April 04, 2011

Time: 14:00 – 17:00 Hrs. Max. Marks: 100

Answer ALL the questions.

 Discuss the principles, construction and functionalities of individual components of an image intensifier. Briefly describe the fluoroscopic imaging unit assembly.

(34 marks)

- 2. Write short notes on:
- 2A. Rectification
- 2B. Autotransformer
- 2C. Superior orbital fissure
- 2D. Myelography
- 2E. Tissue harmonic imaging
- 2F. A.E.R.B and its controlling functions in radiology



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MD (RADIODIAGNOSIS) DEGREE EXAMINATION - APRIL 2011

SUBJECT: PAPER II: GASTROINTESTINAL TRACT, GENITOURINARY TRACT, CARDIOVASCULAR SYSTEM AND BREAST

Tuesday, April 05, 2011

Time: 14:00 – 17:00 Hrs. Max. Marks: 100

- Answer ALL the questions.
- 1. Breast calcifications: Mammographic evaluation.

(34 marks)

- 2. Write short notes on:
- 2A. Congenital hypertrophic pyloric stenosis
- 2B. Motility disorder of oesophagus
- 2C. Imaging in chronic pelvic pain in a adult female
- 2D. Adrenal haemorrhage
- 2E. Tetralogy of Fallot
- 2F. Truncus arteriosus



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MD (RADIODIAGNOSIS) DEGREE EXAMINATION - APRIL 2011

SUBJECT: PAPER III: RESPIRATORY SYSTEM, BONES (MUSCULOSKELETAL SYSTEM)
HEAD AND NECK (CNS)

Wednesday, April 06, 2011

Time: 14:00 – 17:00 Hrs. Max. Marks: 100

- Answer ALL the questions.
- 1. Discuss the imaging in occupational lung diseases.

(34 marks)

- 2. Write short notes on:
- 2A. Differential diagnosis of expanding lesions of mandible
- 2B. Isotopes in bone imaging
- 2C. Giant Cell Tumor
- 2D. Neurotuberculosis
- 2E. Raised intracranial tension
- 2F. Atherosclerotic plaque assessment



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MD (RADIODIAGNOSIS) DEGREE EXAMINATION - APRIL 2011

SUBJECT: PAPER IV: RECENT ADVANCES

Thursday, April 07, 2011

Time: 14:00 – 17:00 Hrs. Max. Marks: 100

 Discuss imaging of aneurysms and CNS vascular malformations and the recent trends in their management.

(34 marks)

- Write short notes on:
- 2A. 3D & 4D ultrasound in foetal imaging
- 2B. Flat panel detector
- 2C. Susceptability weighted imaging
- 2D. MR Pelvimetry
- 2E. Imaging of breast implant
- 2F. MRI in bone marrow disease of the spine

