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MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

DIPLOMA IN RADIO-DIAGNOSIS (D.M.R.D.) EXAMINATION – DECEMBER 2005

SUBJECT: PAPER I: BASIC SCIENCES

Monday, December 05, 2005

Time: 3 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

1. Enumerate the factors affecting the radiographic quality. How will you improve the radiographic quality?

(34 marks)

2. Write short notes:

- 2A. Nonscreen film.
2B. Principles of colour doppler sonography.
2C. Artifacts in radiographic film.
2D. Superior orbital fissure.
2E. Rheo.
2F. Cross sectional labeled diagram of peritoneal spaces.

(11 × 6 = 66 marks)



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DIPLOMA IN RADIO-DIAGNOSIS (D.M.R.D.) EXAMINATION – DECEMBER 2005

SUBJECT: PAPER II: GIT, GUT, CVS

Tuesday, December 06, 2005

Time: 3 Hrs.

Max. Marks: 100

Answer ALL the questions.

1. Discuss the radiological approach for a patient suspected of having an abnormal extrinsic impression over oesophagus.

(34 marks)

2. Write short notes on:

- 2A. Cardiac and pericardial calcification.
2B. Pulmonary artery hypertension.
2C. Classify cardiomyopathies and describe the radiographic imaging findings.
2D. Vesico ureteral reflux.
2E. Malrotation of kidneys.
2F. Urachal masses.

(11 × 6 = 66 marks)



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DIPLOMA IN RADIO-DIAGNOSIS (D.M.R.D.) EXAMINATION – DECEMBER 2005

SUBJECT: PAPER III: RESPIRATORY SYSTEM, BONES AND CNS

Wednesday, December 07, 2005

Time: 3 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

1. Describe the radiological anatomy of ventricles and basal cisterns of brain. Discuss the radiological findings in hydrocephalus.

(34 marks)

2. Write short notes on:
 - 2A. Cystic lung disease.
 - 2B. Chylothorax.
 - 2C. Coal workers pneumoconiosis.
 - 2D. Fluorosis.
 - 2E. Thalassaemia.
 - 2F. Septic arthritis.

(11 × 6 = 66 marks)

