

Reg. No.

# MANIPAL UNIVERSITY

**DIPLOMA IN RADIO-DIAGNOSIS (D.M.R.D.) EXAMINATION – OCTOBER 2008**

**SUBJECT: PAPER I: BASIC SCIENCES**

Monday, October 06, 2008

Time: 3 Hrs.

Max. Marks: 100

**Answer ALL the questions.**

1. Discuss the anatomy of prostate gland and the techniques used in its evaluation..

(34 marks)

2. Write short notes:

2A. Factors affecting CT image.

2B. Rare earth screens.

2C. Replenisher.

2D. CT angiography.

2E. Factors affecting quality of radiograph.

2F. Segmental anatomy of liver and its importance.

(11×6 = 66 marks)



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**SUBJECT: PAPER II: GIT, GUT, CVS**

Tuesday, October 07, 2008

Time: 3 Hrs.

Max. Marks: 100

**Answer ALL the questions.**

1. Discuss briefly various radiological interventional procedures in urinary tract.

(34 marks)

2. Write short notes on:

2A. Ebstein's anomaly.

2B. Anomalous pulmonary venous drainage.

2C. Thoracic radiologic findings in systemic vasculitis.

2D. Cystic neoplasms of pancreas.

2E. Ultrasonography in abdominal tuberculosis.

2F. Haemangioma of the liver.

(11×6 = 66 marks)



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**DIPLOMA IN RADIO-DIAGNOSIS (D.M.R.D.) EXAMINATION – OCTOBER 2008**

**SUBJECT: PAPER III: RESPIRATORY SYSTEM, BONES AND CNS**

Thursday, October 09, 2008

Time: 3 Hrs.

Max. Marks: 100

*✍* **Answer ALL the questions.**

1. Discuss the role of CT and MRI in cerebral vascular accidents.

(34 marks)

2. Write short notes on:

2A. Describe causes of unilateral opaque hemithorax with imaging features of pleural effusion.

2B. Scimitar syndrome.

2C. Alveolar proteinosis.

2D. Down's syndrome.

2E. Renal osteodystrophy.

2F. Ehlenmeyer flask deformity.

(11×6 = 66 marks)

