

C 46923

Name.....

Reg. No.....

**M.D. DEGREE EXAMINATION IN
RADIODIAGNOSIS, MAY 2008**

**Paper IV—RECENT ADVANCES IN RADIO-
DIAGNOSIS**

Time : Three Hours

Maximum : 100 Marks

Answer all questions.

I. Discuss :

- 1 Recent advances in MR contrast media.
- 2 MUGA study.
- 3 CT and MRI in Tumour recurrence.
- 4 Direct Digital Radiography (DR Systems) and Indirect Digital Radiography (CR Systems).

(4 × 10 = 40 marks)

II. Describe :

- 1 Bone Densitometry.
- 2 Radio frequency ablation.

(2 × 15 = 30 marks)

III. Write short notes on :

- 1 Functional MRI.
- 2 MR Imaging in Epilepsy.
- 3 Contrasts in Ultrasonography.
- 4 Adverse reactions in Gadolinium contrast.
- 5 Digital Mammography.