

**D 51784**

Name.....

Reg. No.....

**M.D. DEGREE EXAMINATION IN RADIO DIAGNOSIS, DECEMBER 2008**

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

Time : Three Hours

Maximum : 100 Marks

*Answer all questions.*

I. Discuss :

- 1 Intraoperative sonography.
- 2 Cardiac scintigraphy.
- 3 MR Urography.
- 4 Tissue harmonic imaging.

(4 × 10 = 40 marks)

II. Describe :

- 1 MR spectroscopy.
- 2 PACS.

(2 × 15 = 30 marks)

III. Write short notes on :

- 1 3D imaging in CT.
- 2 SPECT Imaging.
- 3 Dual source CT.
- 4 Elastography.
- 5 MD CT and radiation hazard.

(5 × 6 = 30 marks)