

RADIODIAGNOSIS

PAPER – IV

Please read carefully the important instructions mentioned on Page ‘1’

- *Answers to questions of Part ‘A’ and Part ‘B’ are to be strictly attempted in separate answer sheet(s) and the main + supplementary answer sheet(s) used for each part must be tagged separately.*
- *Answers to questions of Part ‘A’ attempted in answer sheet(s) of Part ‘B’ or vice versa shall not be evaluated.*

PART B

1. a) HIFU – Principles & clinical uses. (3+3+)+4
b) PET-CT in staging of brain tumours.
2. a) Techniques for dose reduction in MDCT. 5+5
b) How is mammography tube different from conventional X ray tube?
3. Indications, imaging evaluation and technique of Transjugular Intrahepatic Portosystemic Shunt(TIPS). 2+4+4
4. a) Documentary requirements under PCPNDT Act. 5+5
b) Positioning and technique for Water’s view
5. a) Advances in lead apron technology. 4+(3+3)
b) Technique of MR perfusion and its clinical applications in brain lesions.
