

RADIODIAGNOSIS

PAPER – III

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

6. What are indications of coronary CT angiography? Describe the techniques of performing coronary CT angiography. What do you understand by calcium score and what is its clinical relevance? 2+5+3
7. What are various interventional techniques available to treat hepatic malignancies? Discuss the role of chemoembolisation and radioembolisation in hepatic malignant lesion. 3+(4+3)
8. What is the principle of PET scanning? Briefly discuss the role of FDG-PET scanning and importance and clinical utility of two non-FDG molecules for PET scanning. 2+(4+4)
9. Write short notes on: 5+5
 - a) Flat Panel Detector
 - b) HIFU – clinical indications & utility
10. Write short notes on: 5+5
 - a) Mobile CT scanner
 - b) Renal denervation for renovascular hypertension
