

RADIO DIAGNOSIS
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 sheets and the main + supplementary answer sheets used for each part must be tagged separately.
- Answers to question(s) of Part A attempted in answer sheets of Part B or vice versa shall not be evaluated.

PART B

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| 6. Describe the basic principles of PET-CT. Discuss the advantages and disadvantages of PET-MRI over PET-CT. | 5+5 |
| 7. Enumerate the various liquid embolic agents used in interventional Radiology. Discuss the role of interventional Radiologist in the management of Cerebral Arteriovenous malformations. | 4+6 |
| 8. Discuss the indications, pharmacokinetics, and method of iodine-131 metaiodobenzylguanidine scintigraphy. | 3+3+4 |
| 9. Describe the basic physical principles, indications, contraindications and technique of radiofrequency ablation of liver tumours. | 3+2+2+3 |
| 10. a) Kappa measure (in terms of statistical analysis of medical data).
b) The Receiver Operating Characteristics (ROC). | 5+5 |
