

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

Write short notes on:

- | | | |
|-----|---|-----|
| 6. | Radiological findings in:
a) Sequestration of lung
b) Pulmonary hypertrophic osteoarthropathy | 5+5 |
| 7. | a) MR-PET
b) Dose reduction techniques in MDCT | 5+5 |
| 8. | a) AERB guidelines for installation of X-ray equipment
b) Thermoluminescent dosimeter | 5+5 |
| 9. | a) Quality of radiologic images
b) Different types of x-ray tubes | 5+5 |
| 10. | Describe in detail various requirements of Quality Control Programme in Radiology Department. | 10 |
