

RADIODIAGNOSIS

PAPER - IV

Please read carefully the important instructions mentioned on Page '1'

PART B

- | | | |
|-----|--|---------|
| 6. | a. Rare Earth screen
b. Green Sensitive Film
c. Dual energy substractions | 3+3+4 |
| 7. | Define Roentgen. Mention various recommendations of maximum permissible dose for patients and staff members of the Radiology department. | 2+(4+4) |
| 8. | Enumerate various interactions of X-ray photons with matter. Discuss any two in detail with their significance in Radiology department. | 3+(3+4) |
| 9. | Discuss the following:
a. Bold Imaging
b. Genetic Screening
c. PACS in Radiology | 3+3+4 |
| 10. | Describe AERB guidelines for X-ray and CT installation. | 5+5 |
