

RADIODIAGNOSIS

PAPER - III

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

PART B

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| 6. | Draw a neat line diagram of perinephric space including its relationship with other spaces. Write CT features of perinephric abscess and urinoma. | 4+(3+3) |
| 7. | Discuss the role of plain X-ray, CT and MRI in cases of lower cervical spinal trauma. | 3+4+3 |
| 8. | Discuss the role of scintigraphy in cardiac imaging with special emphasis on myocardial perfusion and viability. | 10 |
| 9. | Discuss the recent advances in MDCT. What are the various dose reduction techniques in MDCT? Mention average radiation dose received for common examinations using MDCT. | 4+4+2 |
| 10. | Discuss briefly the pathophysiology of pulmonary embolism. Give in detail the imaging modalities for diagnosis of this entity and their relative merits & demerits. | 4+(4+1+1) |
