



BZ-9091

Seat No. _____

M. D. (Branch-X) Examination

April - 2021

Radiodiagnosis & Imaging : Paper-IV

Time : 3 Hours]

[Total Marks : 100

- Instructions :** (1) Write legibly. Draw diagrams whenever necessary.
(2) Figures to the right indicate full marks.
(3) Irrelevant writing reduces the value of your answers.

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| 1 | Discuss the role of MR Perfusion weighted images and MR Spectroscopy in Brain pathologies. | 25 |
| 2 | Role of Pre and Post transplant assessment in case of Renal Transplant. | 25 |
| 3 | Discuss the PET-CT and its applications. | 25 |
| 4 | Write short notes: | |
| | (1) MR elastography. | 5 |
| | (2) Principle and application of Radio frequency ablation. | 5 |
| | (3) Black Bone MR Imaging. | 5 |
| | (4) Percutaneous Vertebroplasty. | 5 |
| | (5) Write Seldinger Technique. | 5 |