

M.D. (Radiodiagnosis) : SUMMER - 2019
SUBJECT : PAPER – IV : RECENT ADVANCES AND MODERN TRENDS

Day : Saturday
Date : 08/06/2019

Time : 2.00 P.M. TO 5.00 P.M
Max. Marks : 100

S-2019-3816

N. B. :

- 1) **Q. No. 1 and Q. No. 2 are COMPULSORY.**
 - 2) Attempt any **SEVEN** questions from **Q. No. 3 to Q. No. 10.**
 - 3) Figures to the right indicate **FULL** marks.
 - 4) Draw neat and labelled diagrams **WHEREVER** necessary.
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Long Answer Questions:

- Q. 1** What are the basic principles of Dual Energy Computed Tomography and its clinical applications in abdominal imaging? **(15)**
- Q. 2** Describe the technique and clinical application of Cerebral Perfusion CT. **(15)**

Short Answer Questions:

- Q. 3** Multiparametric evaluation of prostatic nodule. **(10)**
- Q. 4** PET/CT in diagnosis in dementia. **(10)**
- Q. 5** Chemical shift imaging and its applications. **(10)**
- Q. 6** MR Elastography. **(10)**
- Q. 7** Vertebroplasty. **(10)**
- Q. 8** Virtual endoscopy. **(10)**
- Q. 9** HIFU. **(10)**
- Q.10** Recent advances in lead apron technology. **(10)**

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