



**RAJ-9091**

Seat No. \_\_\_\_\_

**M. D. (Branch-X) Examination**

**March / April - 2019**

**Radiodiagnosis : Paper-IV**

*(New Course)*

Time : 3 Hours]

[Total Marks : 100

- 1 Write PC PNDT Act, its various provisions and foetal biophysical profile. Write imaging of IUGR. **25**
  - 2 Write MRI consent form details. Write essential features, contraindication, MR-Burns and artefacts of MRI. Write newer sequences of MRI and their clinical applications. **25**
  - 3 Write Radiation protection for personnel in radiology department. Planning of CT scan facility, AERB criteria and their license. Also write principle of triple phase hepatic CT. **25**
  - 4 The role of negative contrast in GIT Pathology. Imaging and therapeutic role if applicable in any three paediatric G.I. Conditions. **25**
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