



**NAV-9142**

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

**P. G. Diploma in Radio-diagnosis Examination**

**March / April - 2017**

**Radiodignosis : Paper - I**

*(New Course)*

Time : 3 Hours]

[Total Marks : 100

- Instructions :**
- (1) Draw the diagram whenever necessary.
  - (2) Figure on right indicate marks.
  - (3) All questions are compulsory.
  - (4) Irrelevant writing reduces the value of answers.

- 1 Processing Room (Dark room). 25
  - 2 Enumerate Different sequences of MRI, MR mammography 25  
and MR spectroscopy with it's principle.
  - 3 Discuss the pathophysiology of osteoporosis. Discuss Radio- 25  
imaging of seronegative arthritis.
  - 4 Short notes : 5×5=25
    - (a) X-ray findings in acute abdomen
    - (b) Imaging of acute pancreatitis
    - (c) USG and colour doppler in DVT
    - (d) Principle of CT physics
    - (e) X-ray knee JT.
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