



NAV-9049

Seat No. _____

M. D. (Branch - X) Examination

March / April - 2017

**Radiodiagnosis : Paper - I
(New Course)**

Time : 3 Hours]

[Total Marks : 100

Instructions :

- (1) Draw the diagrams whenever necessary.
- (2) Figures on right side indicate marks.
- (3) All the questions are compulsory.
- (4) Irrelevant writing reduces the value of your answers.

- 1 Enumerate factors affecting Radiographic Image quality. How will you improve the image quality in Diagnostic Radiology. **25**
- 2 Describe the anatomy mesentery. Enumerate various causes of mesenteric Ischemia. Briefly discuss the role of Radio-Imaging in case of acute mesenteric ischemia. **25**
- 3 Draw and label the anatomy of female genital tract. Discuss Radio - Imaging of 7 common pathologies of female fetus. **25**
- 4 Short notes : **5×5=25**
 - (a) BIRADS Classification
 - (b) Orbital foramen view
 - (c) MRI artifacts
 - (d) ALARA concept
 - (e) Virtual bronchoscopy.