



**PZ-9049**

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

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

**July - 2020**

**Radio-Diagnosis : Paper - I**

Time : 3 Hours]

[Total Marks : 100

- Instructions :** (1) All the questions are compulsory.  
(2) Draw the diagram wherever necessary.  
(3) Please write legibly.

- 1 Draw and label pancreatic anatomy with it's variants. **25**  
Describe the role of CT in different types of Pancreatitis.
- 2 What are the factors influencing conventional Radiographic **25**  
quality ? Write the principles involved in computerised  
Radiography and digital Radiography.
- 3 Write briefly about Mammography physics. How will you **25**  
investigate a 40 year female patient with lump in breast,  
in fully equipped Radio - Imaging centre ?
- 4 Write short notes : **25**
- (1) Draw and label the diagram of Rotating anode X-Ray  
tube.
- (2) Faecal tagging
- (3) Full wave Rectification
- (4) View - X-Ray chest (PA)
- (5) Collimator.