Please read carefully the important instructions mentioned on Page ‘1’

PART B

6. a. Rare Earth screen  
b. Green Sensitive Film  
c. Dual energy subtractions  

7. Define Roentgen. Mention various recommendations of maximum permissible dose for patients and staff members of the Radiology department.  

8. Enumerate various interactions of X-ray photons with matter. Discuss any two in detail with their significance in Radiology department.  

9. Discuss the following:  
a. Bold Imaging  
b. Genetic Screening  
c. PACS in Radiology  

10. Describe AERB guidelines for X-ray and CT installation.  

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