Write short notes on:

**PART A**

1. a) Enumerate various causes of right upper lobe collapse.  
   b) Imaging features on plain radiographs and CT in such a case.  
   2+(4+4)

2. Radiological findings of coarctation of aorta on a plain radiograph, barium contrast study and DSA.  
   2+3+5

3. Role of scintigraphy in cardiac imaging with emphasis on myocardial perfusion and viability.  
   7+3

4. a) Classify diaphragmatic hernias.  
   b) Radiological techniques to establish the diagnosis with relevant imaging findings.  
   2+8

5. Imaging features and differential diagnosis of silicosis.  
   5+5

P.T.O.