



Aswan university  
Faculty of medicine  
Department of Radiology and Diagnostic Imaging



MD Degree of Radiology and Diagnostic imaging  
2<sup>nd</sup> Part  
Paper IV (MCQ)

Date: 7/11/2022  
Time: 1.5 hours  
Marks: 60

- 11) *In patients with rheumatoid arthritis, what is the commonest pulmonary finding seen on the chest radiograph?*
- Pleural effusion*
  - Fibrosis*
  - Pulmonary nodules*
  - Bronchiectasis*
  - Heart failure*
- 12) *A 78-year-old patient who had an endovascular aortic aneurysm repair undergoes a routine 6-month follow-up scan. This shows that the aneurysm sac has increased in size compared with the 1-month follow-up scan. On the delayed-phase part of the scan, there is contrast seen in the periphery of the aneurysm sac, not in contact with the stent. What is the most likely diagnosis?*
- type I endoleak*
  - type II endoleak*
  - type III endoleak*
  - type IV endoleak*
  - type V endoleak*
- 13) *A 64-year-old male smoker was seen by the vascular surgical team in the outpatient clinic with increasing unilateral lower limb claudication. A duplex ultrasound showed a stenosis within the left popliteal artery. What is the most likely cause?*
- Popliteal artery entrapment syndrome*
  - Post-traumatic stenosis*
  - Cystic adventitial disease*
  - Atherosclerosis*
  - Emboli*
- 14) *An obese 25-year-old man presents with atypical chest pain. Cardiac MR demonstrates asymmetrical hypertrophy of the interventricular septum, primarily affecting the anteroinferior portion. What is the most likely diagnosis?*
- Hypertrophic obstructive cardiomyopathy*
  - Restrictive cardiomyopathy*
  - Myocardial infarction*
  - Dilated cardiomyopathy*
  - Constrictive pericarditis*
- 15) *Which of the following is the most typical description of a myxoma?*
- Left atrial mass, no atrial enlargement, pulmonary oedema*
  - Right atrial mass, enlarged right atrium, clear lungs*
  - Left atrial mass, enlarged left atrium, calcified lung nodules, pulmonary oedema*
  - Right atrial mass, enlarged right atrium, pulmonary oedema*
  - Left atrial mass, dilated superior vena cava, inferior vena cava and azygos vein*