

- 23.1 Complete the table with words from A opposite. Put a stress mark in front of the stressed syllable in each word. The first one has been done for you.

Verb	Noun
'auscultate	
examine	
inspect	
palpate	
percuss	

- 23.2 Put the steps for examining the heart and circulation in order, according to the four-stage system. Look at A opposite to help you.
- Measure the heart size.
 - Are there any murmurs?
 - Feel the radial pulse.
 - Look for clubbing.
 - Locate the apex beat.
 - Note any thrills.

- 23.3 A doctor is presenting the case of a 43-year-old woman at a meeting in the Cardiology Department. Complete the text of her presentation. Look at B opposite to help you.

On examination she was pyrexial with a temperature of 38.5. She was short of breath. Her pulse was variable between 100 and 180 and was irregular in time and (1) Her blood pressure was 130/80 and her JVP was up 5 centimetres showing normal movement with respiration. Her peripheral (2) were all present and there was no (3) or (4) cyanosis. Her apex (5) was displaced to the anterior axillary line but still in the fifth intercostal (6) Her heart sounds were very interesting. When she was initially examined it was noted that she had pan-systolic and mid-diastolic (7) , heard best at the apex. When she was examined some hours later, there was a harsh pericardial friction (8) all over the precordium. Our diagnosis at that time was of mitral stenosis and incompetence with a recent onset of pericarditis and atrial fibrillation.