

Question number	Answer	Notes	Marks
9 a	Any FIVE from: MP1. Energy (transferred) from the sun; MP2. Air over the land is heated ; MP3. Warmer air over land expands; MP4. Air becomes less dense; MP5. Therefore rises (must have connection); MP6. Cooler air over sea becomes denser; MP7. Cooler air over sea sinks; MP8. Air (from over the sea) moves inland to replace rising air;	no mark for bald convection current land heats up air reject for 1 mark • particles expand and /or become less dense can only be awarded if MP3 or MP4 is given ignore • heat rises	5 1
b	MP1. Example of a larger particle given: e.g. ➤ smoke particles ➤ pollen MP2. Idea that larger particles move with random motion; MP3. Idea of collisions with smaller (invisible) particles;	Ignore • air/water particles move with random motion	1 1

(Total for Question 9 = 8 marks)