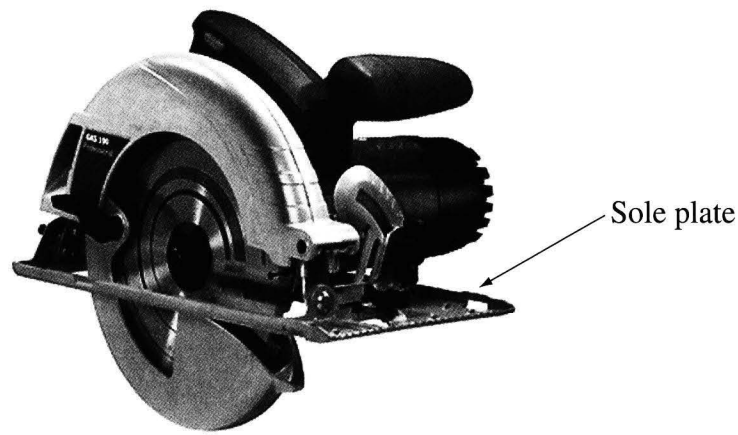

Question 17 (8 marks)

An illustration of a 240 V portable circular saw is shown.



- (a) What are TWO adjustments that can be made to the sole plate? 2

The sole plate may be adjusted to go higher. This used if what you can't cut is larger than usual. Also it may be adjusted lower to cut through wood but not the whole way. Both can be easily adjusted.

- (b) What features of the blade should be considered when purchasing a replacement? 2

The thickness of the blade is an essential element of why you should purchase that blade. Also the sharpness. You don't want to purchase a blade that is blunt and won't cut anything. Also durability. So it lasts longer.

Question 17 continues on page 12

Question 17 (continued)

(c) Describe the routine maintenance checks for this type of saw.

4

Firstly you should check if it is in need of a replacement blade. You should turn it on and see if it spins properly. If it doesn't you might need to tighten where the blade sits so it moves faster and smoother. You should make sure that the sole plate is adjusted firmly where you want it to be.

End of Question 17