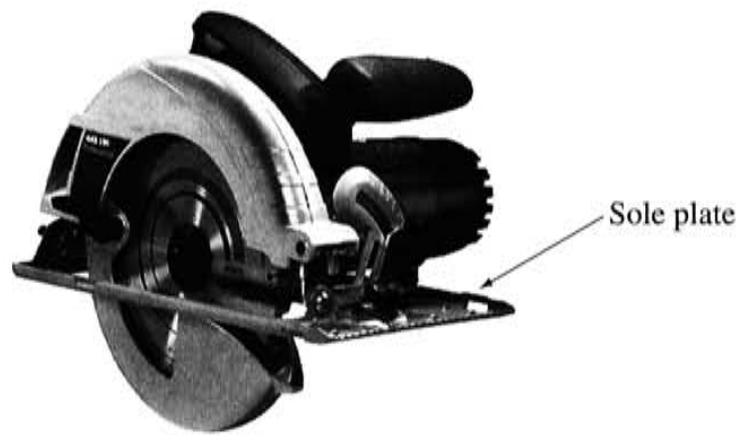


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**Question 17 (8 marks)**

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  
~~How far the sole plate is positioning~~  
~~the width of sole plate and the~~  
...  
...  
... according to the blade, up and down.  
The positioning of the sole plate - it  
can be moved, side to side.
- (b) What features of the blade should be considered when purchasing a replacement? 2  
What the saw is used for → cutting timber  
of bricks or other materials, the blade  
may need to be made <sup>out</sup> of another <sup>stronger</sup> material.  
The thickness of the blade needed.

Question 17 continues on page 12

Question 17 (continued)

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

4

Routine maintenance includes:  
checking that the guards work, that  
the blade is not damaged. Checks  
that the cord is not frayed or has not  
been ruined. Check any vents for  
a build-up of dust and materials.  
Also check that the blade is secured  
appropriately. Check the side plate has  
not being bent out of shape. Ensure all  
of the switches work. Also check there  
are not cracks in the outer shell case  
of the saw.

**End of Question 17**