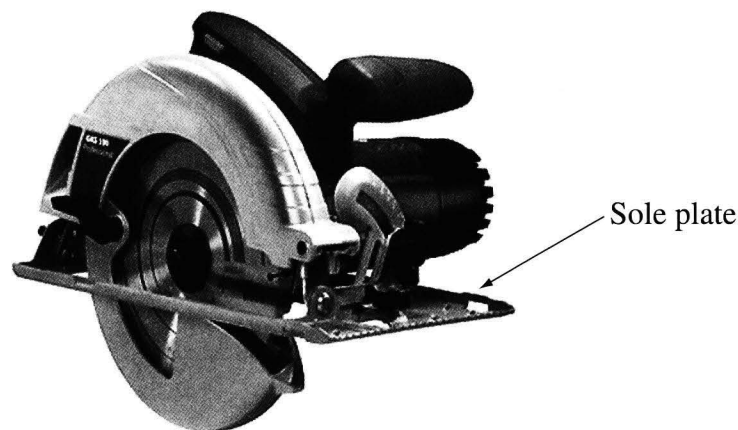


---

**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

*Two adjustments that can be made to the sole plate are that it can be adjusted ~~on~~ between the horizontal and vertical axis. It also can be extended down wards so that you can ~~cut~~ consider how much blade you want showing.*

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

*The diameter of the blade should be considered to fit your machine, also the ~~the~~ thickness of the blade will determine what kind of things you will be cutting.*

Question 17 continues on page 12

Question 17 (continued)

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

4

- Before use you must check if the 'snap back guard' is in correct working order. If this is not in correct working order the machine is a danger to its user and should not be used.
- Before use check if the nut bolt or pin of the blade is tight. This can be done by using a chuck and/or spanners.
- Check that the battery connection has no rust or battery leaks and that it is connected properly to the battery connection.
- Check that the fan is not clogged or blocked of air eg. saw dust, tape, etc. This could over heat and damage your machine.

End of Question 17