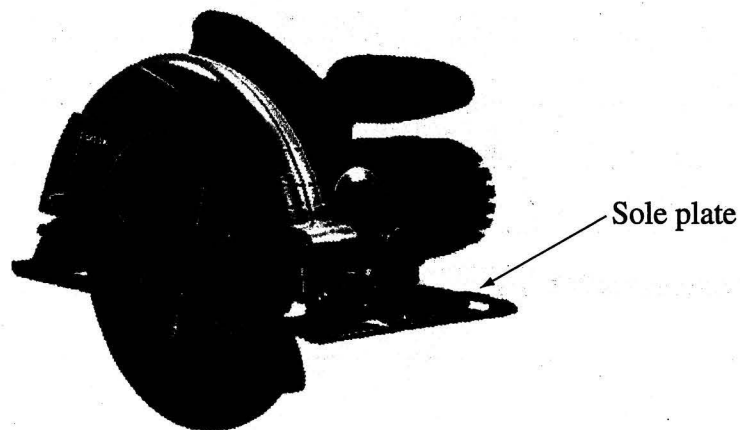


Question 17 (8 marks)

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 depth of the blade, ~~is~~ adjusted by moving the sole plate up or down. The angle of the sole plate can be changed, ~~is~~ allowing an angle cut when ~~the~~ ~~blade~~ adjusted as the circular blade is on a lean.
- (b) What features of the blade should be considered when purchasing a replacement? 2
- Size - Circular blades come in various sizes to suit the circular saw. Purpose - there are various blades for various purposes, such as diamond tipped for cutting through masonry, and standard for cutting through timber.

Question 17 continues on page 12

Question 17 (continued)

(c) Describe the routine maintenance checks for this type of saw. 4

- Check power source for defects
- Check power ~~the~~ cord for defects
- Check that guards are functioning as required
- Check that blade is secure
- Check that blade is sharp
- Check that sole plate is tightened in place
- Ensure power ~~the~~ cord is uncoiled to prevent overheating & burning insulation
- ~~Ensure power cord is uncoiled to prevent overheating & burning insulation~~

End of Question 17