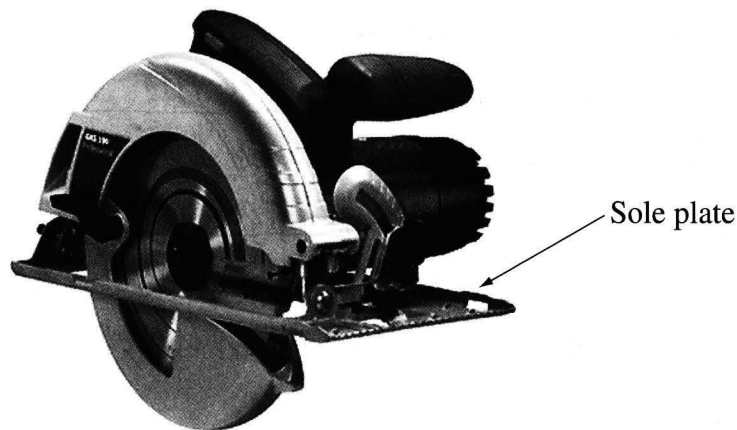

Question 17 (8 marks)

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
- Adjustments include the horizontal cutting angle which will allow for angled cuts of the timber.
 - Also the plate can be adjusted to allow for different ~~size~~ ~~thickness~~ thickness of timber.
- (b) What features of the blade should be considered when purchasing a replacement? 2
- Features of the blade include the size or diameter of the blade, as well as the blade type or purpose, eg soft wood or hard wood cutting.

Question 17 continues on page 12

Question 17 (continued)

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

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Routine maintenance could include the

- sharpening or replacement of the blade which could be ~~was~~ carried out to ensure clean cuts on the timber. This can be carried out by observing the cutting performance of the blade, checking for clean cuts or unwanted vibrations.
- Another maintenance check could be to ensure that all nuts and bolts on the machine are tight and secured. This can be observed by listening for unwanted vibrations and/or noises during operation. The machine could be fixed/served by the manufacturer or machine repairer/servicer.

End of Question 17