

6 (a) The diagram in Figure 3 shows a pencil that is made of different materials.



Figure 3

Name the materials used to make the parts labelled:

- (i) A - Wood Metal Rubber [1 mark]  
(ii) B - Wood Metal Rubber [1 mark]  
(iii) C - Wood Metal Rubber [1 mark]

(b) Study the information about Material X below. Material X has the following properties:

- soft
- light
- can be sewn and made into clothing
- does not allow heat to pass through it easily

Think about the properties of Material X. What can we say about Material X? Circle 'Yes' or 'No' for each statement.

| No.   | What can we say about Material X?               | Yes or No? |
|-------|-------------------------------------------------|------------|
| (i)   | Material X is glass.                            | Yes / No   |
| (ii)  | Material X is fabric.                           | Yes / No   |
| (iii) | We can use Material X to make a dress.          | Yes / No   |
| (iv)  | Material X cannot be used to make cooking pans. | Yes / No   |

[4 marks]