

2 (a) All metals are good conductors of electricity.

Which of these non-metals can conduct electricity?

(1)

- ☐ A carbon
- ☐ B chalk
- ☐ C plastic
- ☐ D rubber

(b) The current in a metallic conductor is a flow of

(1)

- ☐ A negatively charged electrons
- ☐ B negatively charged protons
- ☐ C positively charged electrons
- ☐ D positively charged protons

(c) Some metals and alloys are magnetic.

Which of these is magnetic?

(1)

- ☐ A aluminium
- ☐ B copper
- ☐ C gold
- ☐ D steel

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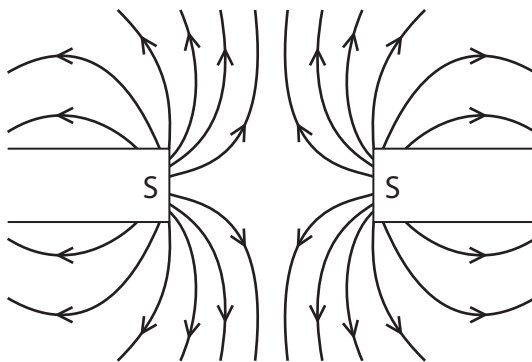
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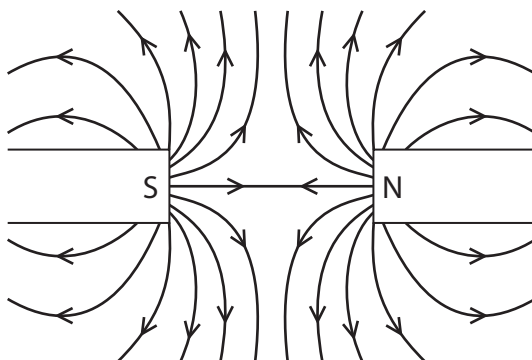
(d) Which of these field patterns is correct?

(1)

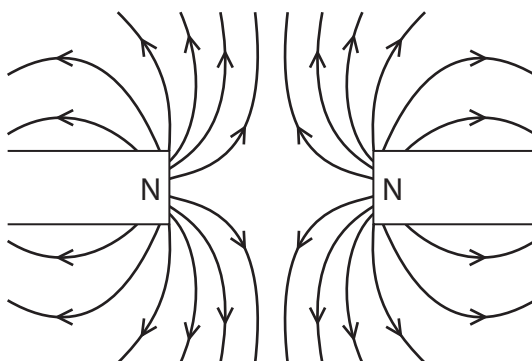
☐ A



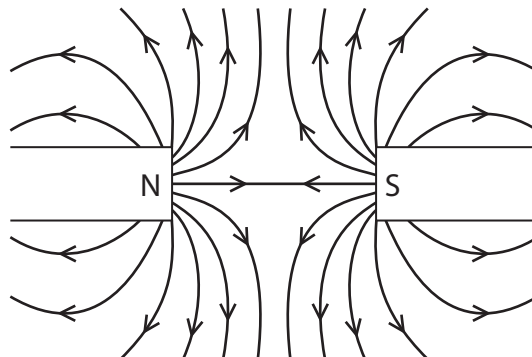
☐ B



☐ C



☐ D



(Total for Question 2 = 4 marks)

