

**Question 26** (3 marks)

Some materials become superconductors when cooled to extremely low temperatures. Identify THREE properties of superconductors.

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**Question 27** (4 marks)

There are two areas in which energy savings can be made by the use of superconductors. These are:

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- electricity generation and transmission;
- transportation.

Discuss how energy savings can be achieved in each of these two areas.

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