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# Magnetism

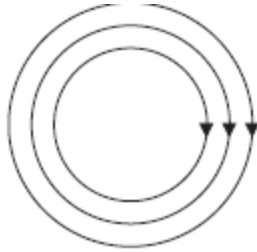
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Problems by Topic

**Edexcel International GCSE**

5 A magnetic field pattern can be shown using lines.

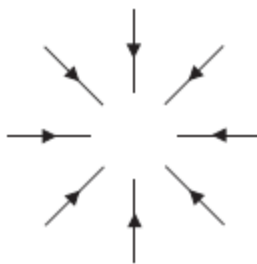
(a) The diagram shows some magnetic field patterns.



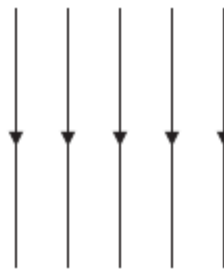
A



B



C



D

Which pattern shows a **uniform** magnetic field? Explain your answer.

(2)

Pattern .....

Explanation .....

.....  
.....

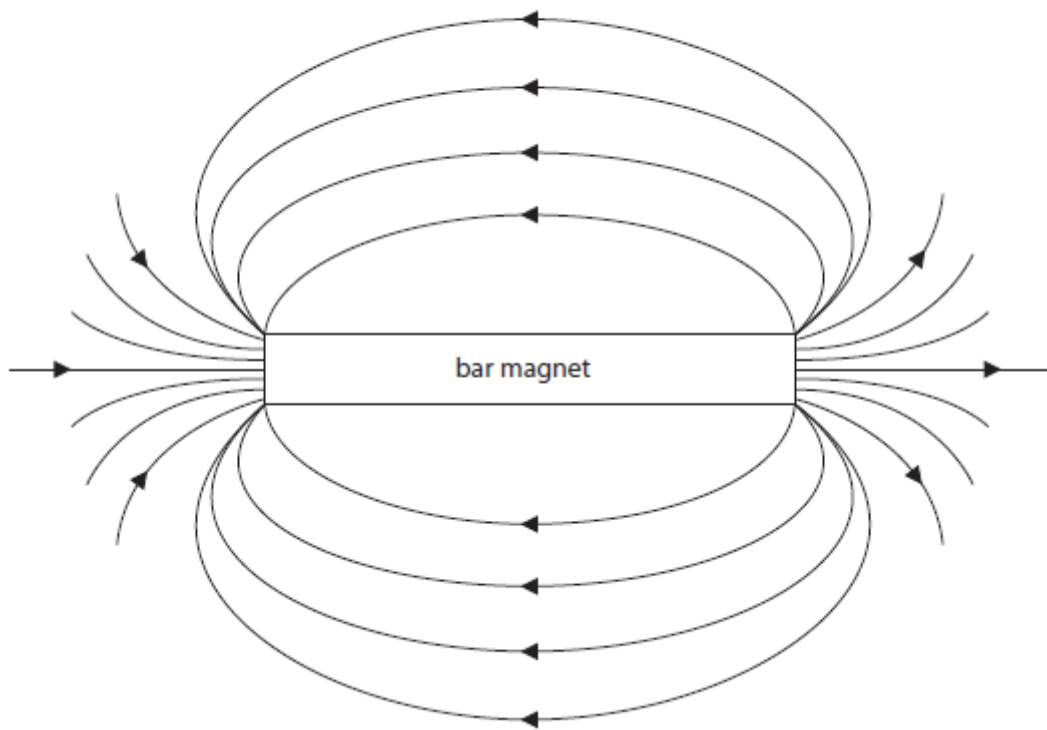
(b) Explain how to produce a uniform magnetic field.

(3)

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.....  
.....  
.....

January 2012

4 The diagram shows the magnetic field pattern around a bar magnet.



(a) Complete the diagram above by labelling the poles on the bar magnet.

(2)

(b) Describe an experiment to investigate the shape of the magnetic field pattern of a bar magnet.

You may draw a diagram to help your answer.

(3)

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(Total for Question 4 = 5 marks)

January 2014