

## 5. MOTION AND FORCES

The picture below shows force and motion.



(a). Define the term 'motion'.

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[2]

(b). 'Most forces will causes an object to move.'

Name **TWO** ways in which you can apply force to an object.

1. \_\_\_\_\_
2. \_\_\_\_\_

[2]

(c) 'One way to describe the motion of an object is its speed.'

What is speed?

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[2]

**GO ON**

(d) State which type of force contributes to each of the following actions:

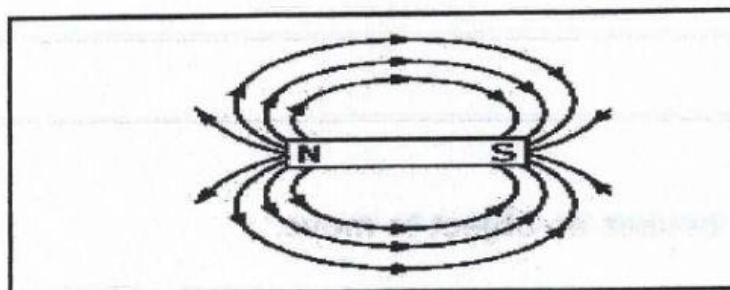
(i) slows down an object when it comes into contact with another object

\_\_\_\_\_ [1]

(ii) pulls objects towards each other and hold you on Earth

\_\_\_\_\_ [1]

Use the picture to answer questions (e) (i) & (e) (ii).



'The diagram shows a bar magnet.'

(e) (i) What are the lines around the bar magnet called?

\_\_\_\_\_ [1]

(e) (ii) What do we call the ends of the magnet?

\_\_\_\_\_ [1]

**TOTAL MARKS [10]**

**[GO ON]**

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