

5. MOTION AND FORCES

The picture below shows force and motion.



(a). Define the term 'motion'.

[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?

[2]

GO ON

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

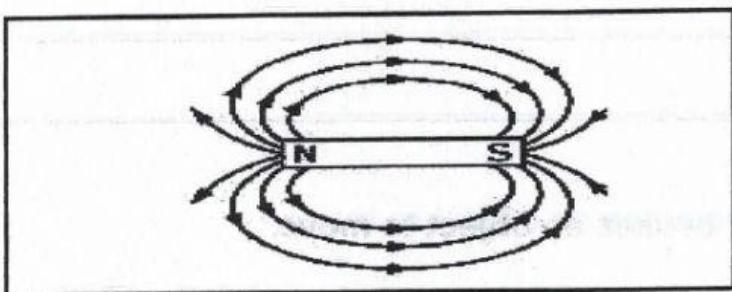
(i) slows down an object when it comes into contact with another object

[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]

32