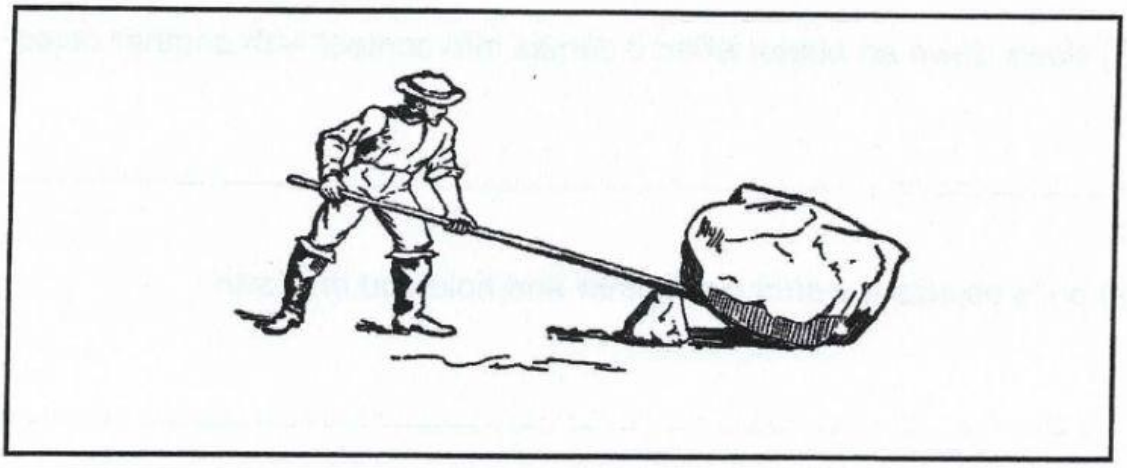
5. MOTION AND FORCES

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]

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

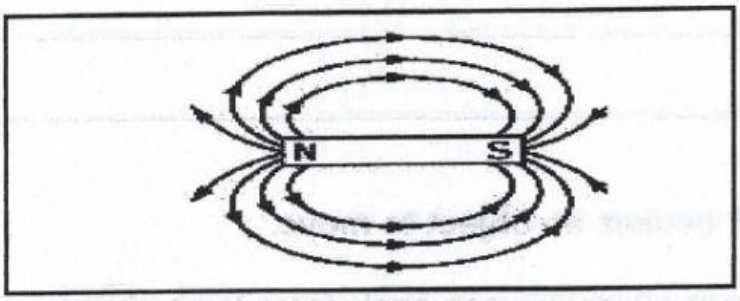
(i) slows down an object when it comes into contact with another object

_____ [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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