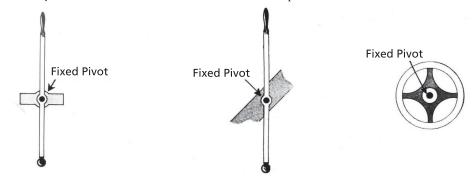
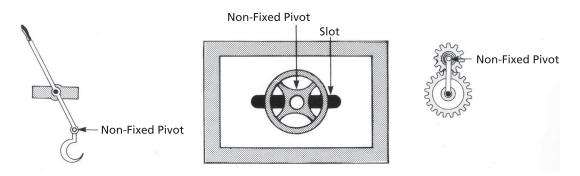
ACER Mechanical Reasoning Test Sample Questions

For this test, you need to understand what a pivot is. A pivot is a pin or axle around which a lever or wheel can tun. A **fixed pivot** is a pin or axle around which a lever or wheel can turn, but the fixed pivot itself **does not move**. A fixed pivot is indicated by a black dot, as demonstrated below in this example.

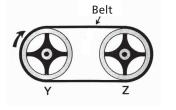


A **non-fixed pivot** is also a pin or axle around which a lever or wheel can turn, but the non-fixed pivot itself **can move**. A non-fixed pivot is indicated by a clear dot, as demonstrated in this example.



SAMPLE 1

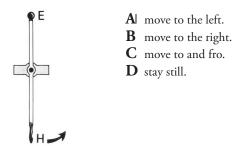
When wheel Y turns clockwise, as shown by the arrow, wheel Z will



- **A** turn clockwise.
- **B** turn anticlockwise.
- **C** turn to and fro.
- **D** stay still.

SAMPLE 2

When handle H is pulled to the right, as shown by the arrow, end E will





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