

Motion

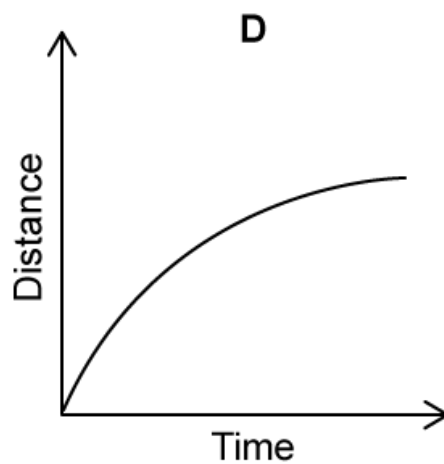
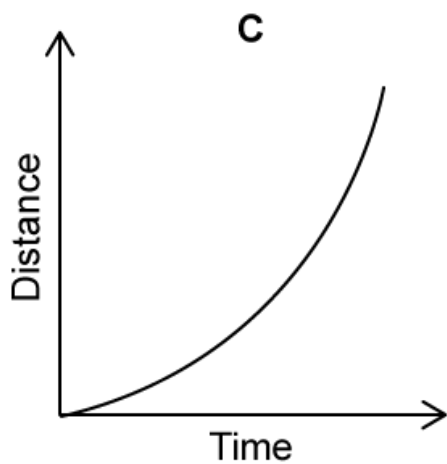
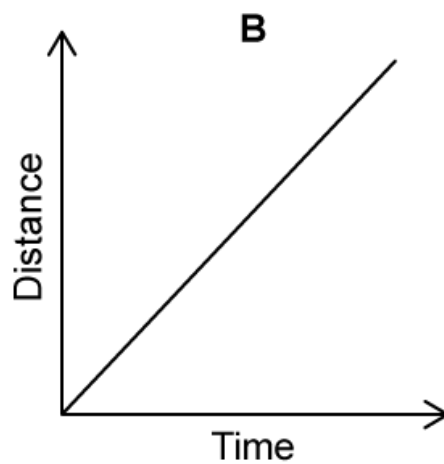
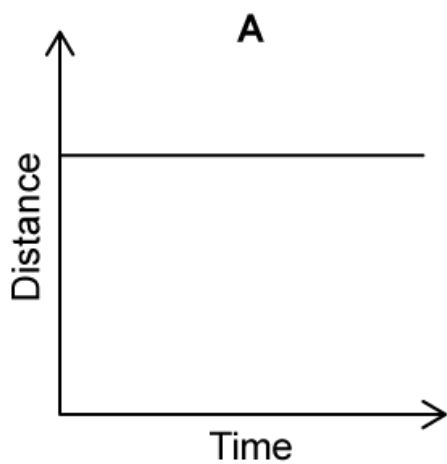
Question Paper

Course	CIE IGCSE Physics
Section	1. Motion, Forces & Energy
Topic	Motion
Difficulty	Easy

Time Allowed	10
Score	/5
Percentage	/100

Question 1

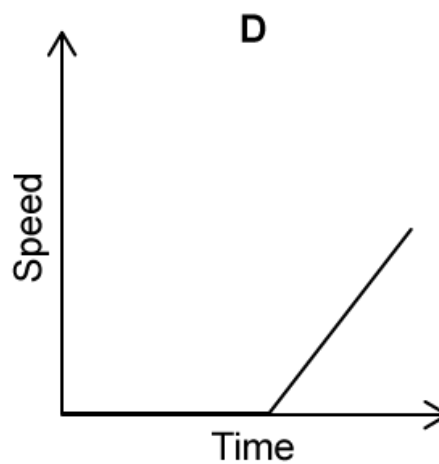
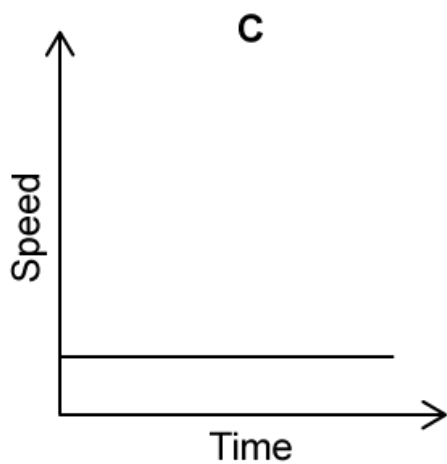
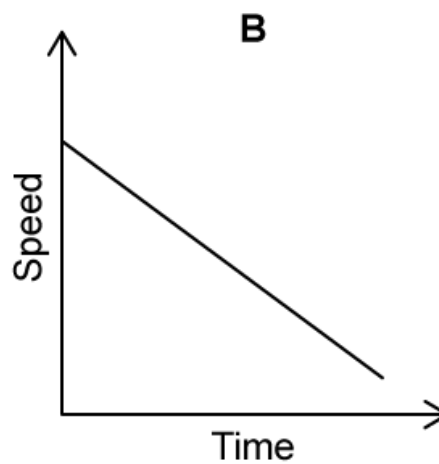
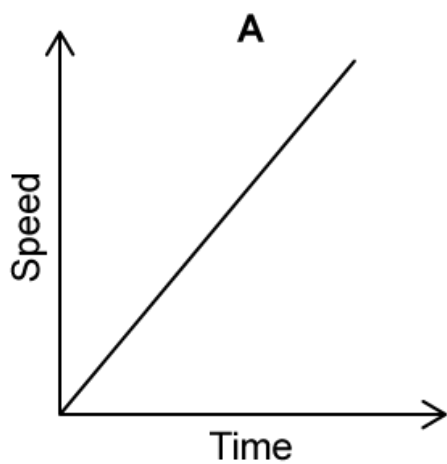
Which distance-time graph shows an object moving with constant speed?



[1 mark]

Question 2

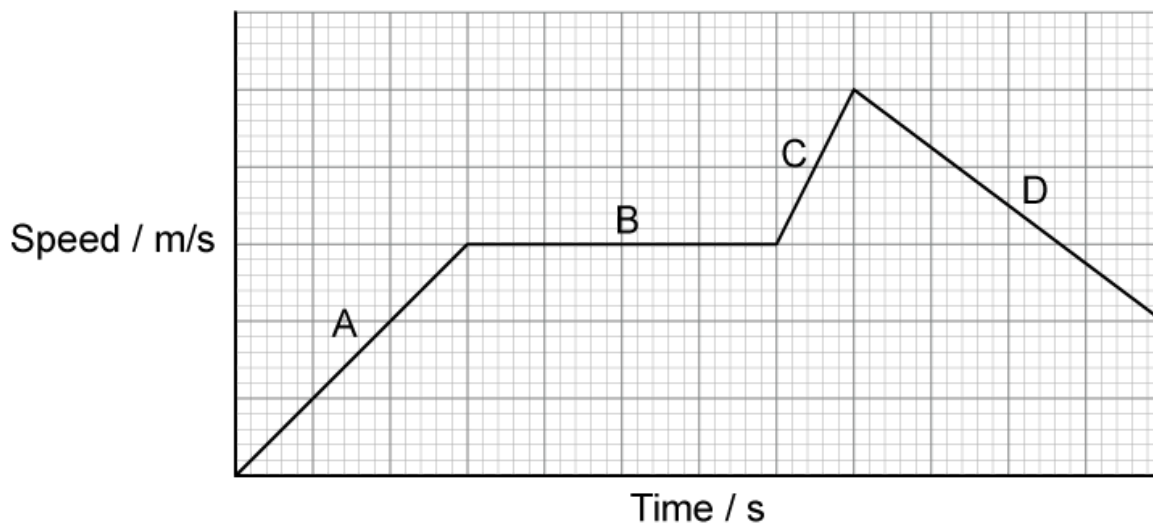
Which speed-time graph shows an object moving with a constant speed?



[1 mark]

Question 3

In which section of the graph is the most distance covered?



[1 mark]

Question 4

What is the speed of a bowling ball which travels down a 30 m lane in 2.5 seconds?

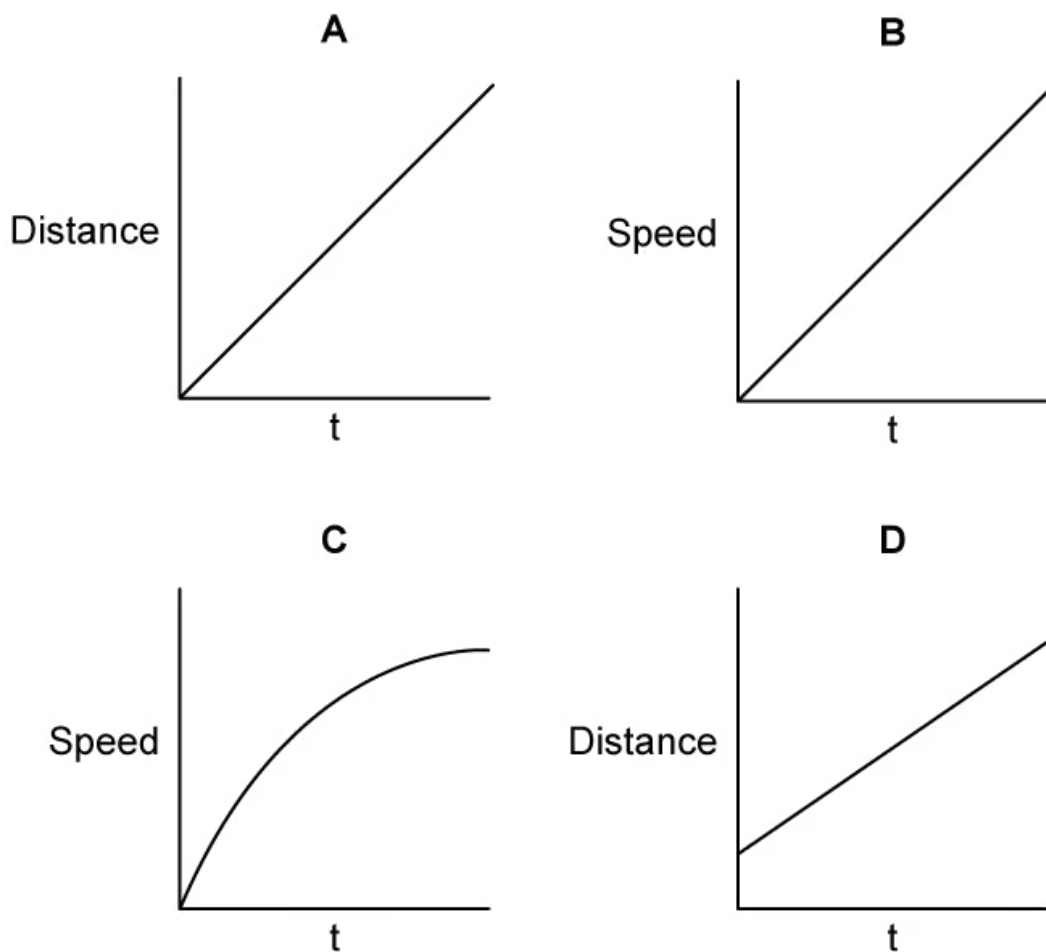
- A. 75 miles per hour
- B. 75 metres per second
- C. 12 metres per second
- D. 12 miles per hour

[1 mark]

Question 5

A BASE jumper, initially at rest, falls from the top of El Capitan in Yosemite National Park. Air resistance is **not** ignored.

Which graph represents their motion as they approach terminal velocity?



[1 mark]