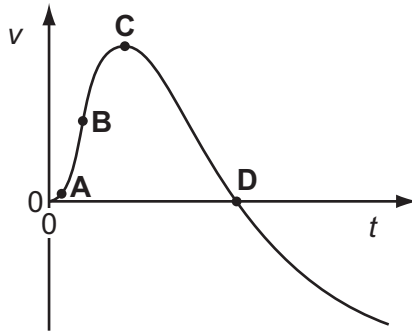


7 The graph shows how the velocity v of a firework rocket changes with time t .

At which point on the graph does the rocket have the greatest acceleration?



8 On a particular railway, a train driver applies the brake of the train at a yellow signal, a distance of