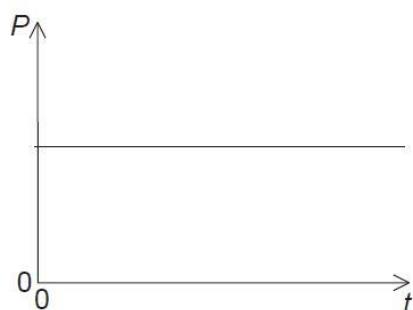


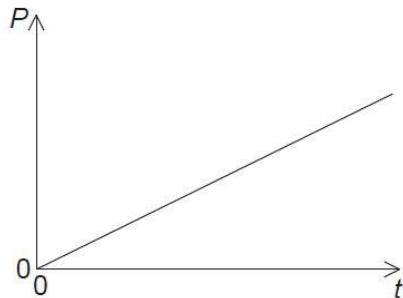
- 8 A train on a straight horizontal track moves from rest at constant acceleration. The horizontal forces on the train are the driving force exerted by the engine and a resistive force which increases with speed.

Which graph represents the variation with time  $t$  of the power  $P$  developed by the engine?

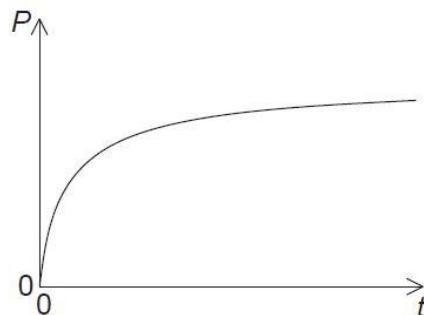
A



B



C



D

