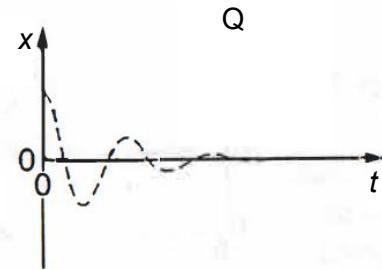
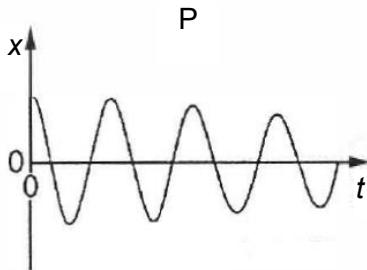


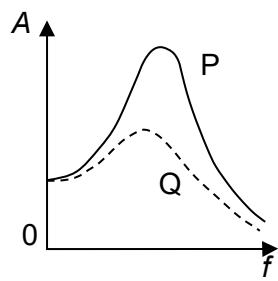
- 11 Two oscillating systems P and Q are of the same natural frequency. They are given the same initial displacement before being released. The graphs below show the variation with time t of their displacement x .



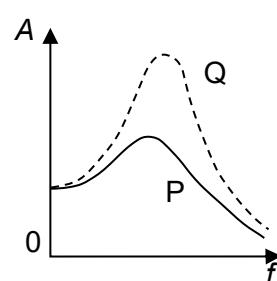
P and Q are then subjected to driving forces of the same constant amplitude and of variable frequency f .

Which graph best represents the variation with f of the amplitude A of P and Q?

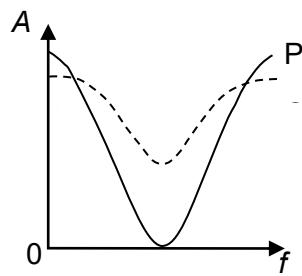
A



B



C



D

