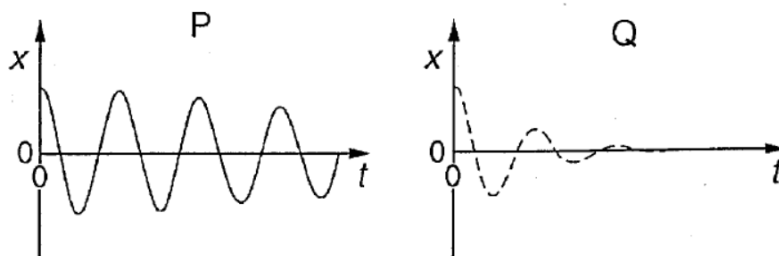


- 19 Two identical simple pendulums P and Q in different environments are given the same initial displacement and are then released.

The graphs show the variation with time t of their displacements x .



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

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

