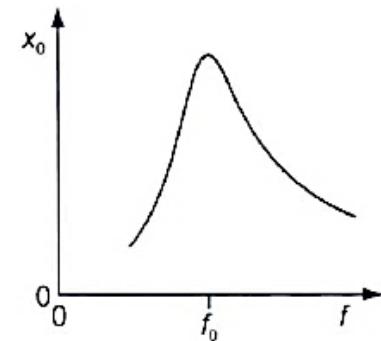
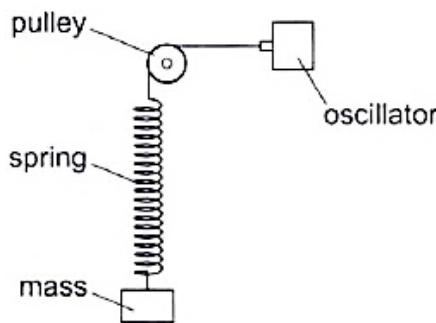


15 A mass, suspended from a helical spring, is made to oscillate.

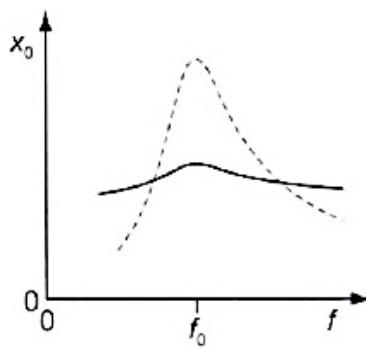
The graph shows the variation with frequency f of the amplitude x_0 of vibration of the mass.



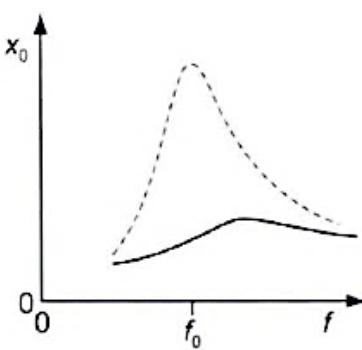
A sheet of cardboard of negligible mass is now fixed to the mass on the spring to cause light damping of the oscillations.

Which graph shows how x_0 will vary with f over the same frequency range? The dotted line represent the original curve.

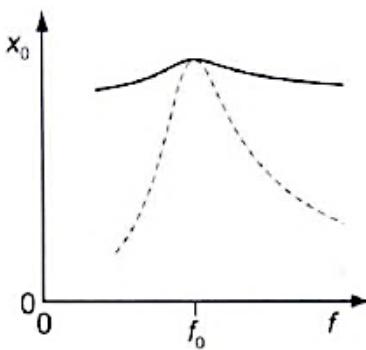
A



B



C



D

