# JEE PYQ 1

EE24Btech11041 - Mohit

1) Let $PQ$ be a chord of parabola $y^2 = 12x$ and the midpoint of PQ be at $(4, 1)$.Then ,which of the following points lies on the line on the line passing through the points $P$ and $Q$ ?
   a) $(3, -3)$
   b) $\left(\frac{3}{2}, -16\right)$
   c) $\left(\frac{1}{2}, -20\right)$
   d) $(2, -9)$