3	**D is the correct answer** as $n\lambda = d\sin\theta$ where $n = 1$ and $d = 1/300$. $\tan\theta =$ 0.40m / 2.00m. A is not the correct answer as the wavelength is not $300\sin\theta$ B is not the correct answer as the wavelength is not $300\sin\theta$ C is not the correct answer as θ is not $\sin^{-1}$ (0.40/2.00)	**(1)**