| 6 | **B is the correct answer** ($hf = \Phi + KE_{max}$ so increasing f increases KE_{max})

A is not the correct answer as electrons are released instantaneously
C is not the correct answer as increasing intensity only increases the number of electrons released and each electron still has the same kinetic energy
D is not the correct answer as it is higher frequency, not wavelength, that eventually passes a threshold value to release electrons | **(1)** |