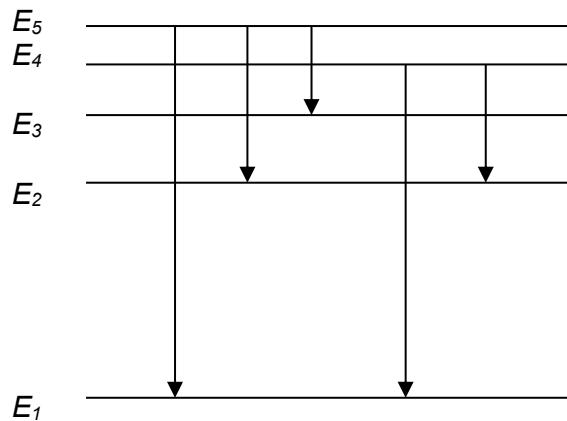


- 28** The figure below shows five energy levels of an atom,  $E_1$  being much lower than the other four. Five transitions between the levels are indicated, each of which produces a photon of definite energy and frequency.



Which one of the following spectra below best corresponds to the set of transitions indicated?

Increasing frequency  $\leftarrow$

