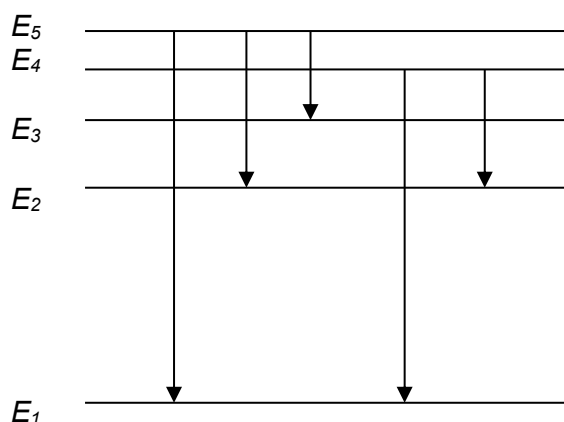


- 28 The figure below shows five energy levels of an atom, E_1 being much lower than the other four. Five transitions between the levels are indicated, each of which produces a photon of definite energy and frequency.



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

Increasing frequency \leftarrow

