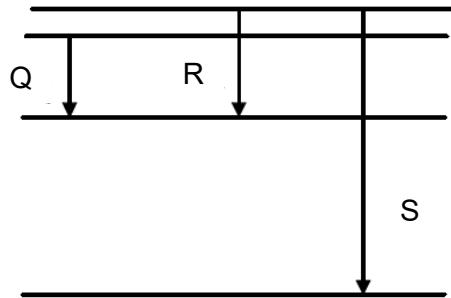


- 28** The diagram below, which is drawn to scale, shows some of the atomic energy levels of a fictitious element. The three transitions shown result in radiation in the ultraviolet (UV), red and yellow regions of the spectrum. Which one of the choices below correctly identifies the transitions?



	UV	red	yellow
A	Q	R	S
B	S	Q	R
C	R	S	Q
D	S	R	Q