27 In an experiment to demonstrate the photoelectric effect, light of intensity L and frequency f is incident on a metal surface. The maximum photoelectric current is I and the stopping potential is V_s.

What change if any occurs in the maximum photoelectric current and in the stopping potential when light of the same intensity L but of frequency $2f$ is incident on the surface?

	Maximum photoelectric current	stopping potential
A	I	greater than $2V_s$
B	less than I	greater than $2V_s$
C	I	less than $2V_s$
D	less than I	less than $2V_s$