

27 Light of constant intensity is incident on a clean metal surface. Electrons are emitted from the metal surface.

The frequency of the light is now increased, but the intensity remains the same.

Which of the following is a consequence of this change?

- A** Maximum kinetic energy of the emitted electrons remains unchanged.
- B** Rate of emission of the electrons is decreased.
- C** Work function energy of the metal is increased.
- D** Threshold wavelength of the metal is decreased.

