

27 The following are some statements on photoelectric effect. Which of the following statements is true?

- A** No emission of electrons occurs for very low intensity of illumination.
- B** Doubling the frequency of radiation will double the stopping potential.
- C** For a given metal, there is a minimum frequency of radiation below which no emission of photoelectrons occurs.
- D** The velocity of the emitted photoelectrons will increase if the intensity of the incident radiation increases on the metal surface.