

10. A photon of frequency ν has a momentum associated with it. If c is the velocity of light, the momentum is

- A. ν / c
- B. $h \nu c$
- C. $h \nu / c^2$
- D. $h \nu / c$

Ans-(D)

$$P = \frac{h}{\lambda} = \frac{h\nu}{c}$$