$\mathbf{A} \quad \mathbf{W} \, \mathbf{m}^{-2}$  $\mathbf{B} \quad \mathbf{B} \quad \mathbf{Nm} \, \mathbf{s}^{-2}$  $\mathbf{C}$   $\mathbf{J}$   $\mathbf{s}^{-1}$  $\square$  **D** Jm<sup>-2</sup>

(Total for Question 4 = 1 mark)

Which of the following is a valid unit for luminosity?