11. The redshift of light from a distant galaxy is 0.125. The approximate distance to this distant galaxy is

B
$$1.81 \times 10^8$$
 m C 5.43×10^{16} m

C 5.43×10^{16} m

F 1.30×10^{26} m.

A 3.75×10^7 m

D 1.63×10^{25} m