11. How long does it take a hemoglobin molecule to diffuse 1.00 cm in water? The diffusion constant for hemoglobin in water is 6.9×10^{-11} m^2/s.

A. 8.4 days
B. 402 hours
C. 14.48×10^5 s
D. 72.4 s
E. 145 s
F. 17 days

Ans._____