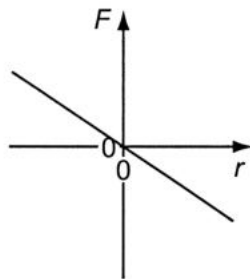
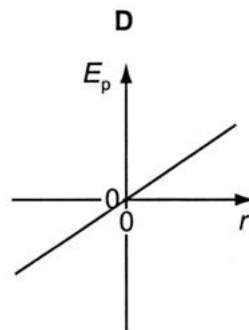
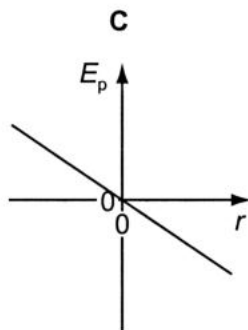
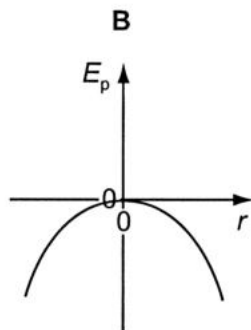
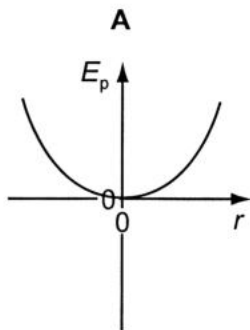


- 19 A particle is moving such that the force F on it changes with the distance r from a fixed point as shown.



Which graph shows the relationship between the potential energy E_p of the particle and the distance r ?



- 20 What is the number of hydrogen atoms, in terms of the Avogadro constant N_A , in one mole of