

Mathematics Questions by Topics

Motion and Force

Question 24

Source: K13SM2Q13

Question 24

A girl of mass 50 kg is standing in a lift. The reaction of the lift floor on the girl is equal to 60 kg-wt. Then the lift is moving

- A. with constant speed.
- B. down with an acceleration equal to 1.96 ms^{-2} .
- C. up with an acceleration equal to 1.96 ms^{-2} .
- D. down with an acceleration equal to 0.2 ms^{-2} .
- E. up with an acceleration equal to 0.2 ms^{-2} .