

**Mathematics Questions by Topics**

Motion and Force

Question 39

Source: K9SM2Q18

**Question 39**

A parcel of mass 2 kg, is at rest on a rough horizontal table. The coefficient of friction between the parcel and the table is 0.25. A constant horizontal force of 10 newtons is applied to the parcel. Two seconds later the magnitude of the momentum of the parcel in kg m/s is equal to

- A. 5.1
- B. 10
- C. 10.2
- D. 20
- E. 186.2