

H.W
28.6.21

ASSIGNMENT

Q.1. State Newton's 2nd law of motion.

Ans - The 2nd law states that the rate of change of momentum of a body over time is directly proportional to the force applied, & occurs in the same direction as the applied force.

Q.2. Define force. Name the SI unit of force & define it.

Ans \Rightarrow A force is a physical quantity which causes or tends to cause a motion in an object at rest or tends to change the direction or tends to change the shape & size or tends to change the speed of the moving object.

\Rightarrow SI unit of force is Newton (N). The force that will give a mass of 1 kg and acceleration of 1 meter per second.