



SACRED HEART SCHOOL

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ASSIGNMENT (2020– 2021)

Class - IX

Subject - PHYSICS

Assignment question based upon online class

Answer the following questions:

1. What is the reason behind the motion of an object?
2. While riding a bicycle, if we stop pedalling, the bicycle begins to slow down. Why?
3. In lockdown you all are staying in your home. So, suddenly you and your brother decided to play a game of pull push of door. You stand outside the room and your brother inside the room, and both of you trying to pull the door towards outside and inside respectively. But door is standstill i.e. door is not moving in any direction.
 - i) Which force acting upon the door?
 - ii) If your brother exerting more force than you then in which direction door will move and why?

