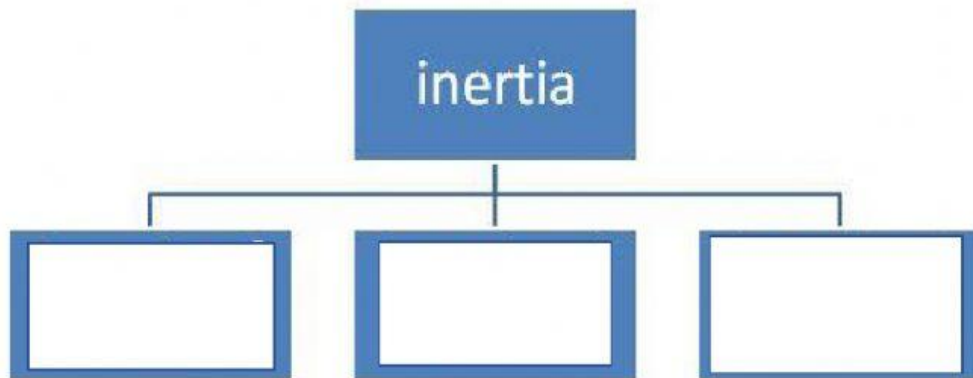


Newton's First Of Motion

Write all three types of inertia in the box.



Choose the correct option.

1. A passenger in a bus tend to fall backward when the bus starts suddenly, this is due to

- i) Inertia of motion
- ii) Inertia of rest
- iii) Inertia of direction

2. A passenger in moving bus tends to lean forward when bus stops suddenly, this is due to

- i) Inertia of motion
- ii) Inertia of rest
- iii) Inertia of direction

3. In cricket a bowler runs certain distance before he release the ball, this is due to

- i) Inertia of motion
- ii) Inertia of rest
- iii) Inertia of direction

4. While driving a car the driver move left side while turning towards right side, this is due to

- i) Inertia of motion
- ii) Inertia of rest
- iii) Inertia of direction