

**CHOOSE THE ODD ONE OUT GIVING REASON**

1. *Speed, direction, shape, position, mass*
2. *Efficiency of machine, wear and tear of machines, transmit energy, fuel consumption*
3. *Moving a loaded cart, opening or shutting a door, opening or closing a drawer, a cricket ball hit by a batsman*

**MATCH THE FOLLOWING**

| Column A                   | Column B                                    |
|----------------------------|---|
| 1. <i>Friction</i>         | (a) <i>push or pull</i>                     |
| 2. <i>Force</i>            | (b) <i>rotation of surface</i>              |
| 3. <i>Sliding friction</i> | (c) <i>relative motion at the interface</i> |
| 4. <i>Rolling friction</i> | (d) <i>non – conservative</i>               |

**GIVE ONE WORD OF THE FOLLOWING**

1. *The force which opposes the motion of the body.*
2. *Opposing arises due to rolling of surfaces.*
3. *Quantity which does not change with the application of force.*
4. *Quantity which changes the direction of motion of object.*

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