

1 Choose the correct answer :

- 1. Mona throws her ball up in the air so, gravity will make her ball
 - a. move forward.
 - b. move upward.
 - c. move downward.
 - d. stop in the air.
- 2. Tamer pushes a ball on a flat ground and it covers a distance of 30 cm. If he pushes it with more force, it may cover a distance equal to cm.
 - a. 5
 - b. 15
 - c. 30
 - d. 50
- 3. The force that occurs when an object rubs against another object is called
 - a. friction.
 - b. gravity.
 - c. push.
 - d. pull.
- 4. Which sentence represents the best example of gravity ?
 - a. A car hits a tree, and its motion stops.
 - b. A wind blows, and a sailboat moves.
 - c. A book is pushed, and it moves across a table.
 - d. A person drops ball, and it falls to the ground.
- 5. If your father and your young brother take turns pushing you on the swing, the hand pushing force of your father will be
 - a. less than that of your brother.
 - b. the same as that of your brother.
 - c. more than that of your brother.
 - d. weaker than that of your brother.
- 6. When we throw a ball into the air, it falls downward. During its falling it is affected by two forces which are
 - a. friction of air and push.
 - b. push and pull.
 - c. push and gravity.
 - d. friction of air and gravity.

2 Put (✓) or (✗) :

- 1. The motion of an object is affected by a friction force. ()
- 2. Gravity pulls objects upward. ()
- 3. Hard push causes an object to travel for a longer distance. ()
- 4. If the same force acts on two different objects so, the bigger object will travel for a longer distance. ()
- 5. A football rolls on the ground to a distance then it stops. The force which stops the ball is the gravitational force. ()