

Name : \_\_\_\_\_ Grade/Year : \_\_\_\_\_ Subject : Physics

School's Name : \_\_\_\_\_ Date : \_\_\_\_\_ Marks obtained : 


**Choose the correct answer from 4 options and circle the correct one.**

1. A book at rest on a shelf has
  - A. potential energy
  - B. sound energy
  - C. strain energy
  - D. chemical energy
2. What type of energy is stored in the rubber band?
  - A. sound energy
  - B. potential energy
  - C. elastic potential energy
  - D. kinetic energy
3. A 2.0 kg steel ball moving at 6.0 m/s. What will be the kinetic energy of the ball?
  - A. 12.0 J
  - B. 6.0 J
  - C. 36.0 J
  - D. 24.0 J
4. A diver jumps from a diving board into the water. Which of the following statement is correct
  - A. strain energy is transferred to chemical energy
  - B. potential energy is transferred heat energy
  - C. potential energy is transferred kinetic energy
  - D. potential energy is transferred sound energy
5. Which type of energy is stored in a wind-up toy car?
  - A. elastic potential energy
  - B. potential energy
  - C. heat energy
  - D. kinetic energy
6. The food that we eat stores
  - A. nuclear energy
  - B. food energy
  - C. chemical energy
  - D. heat energy
7. Which of the following is the example of the kinetic energy
  - A. a book on a shelf
  - B. running of a boat in the water
  - C. a parked car
  - D. energy stored in the food
8. According to law conservation of energy
  - A. we cannot create or destroy the energy
  - B. we can create the energy
  - C. we can destroy the energy
  - D. stronger force can destroy the energy