



**Pakistan Urdu School- Kingdom of Bahrain**

**Subject: Science**

**Energy**

**Student's Name:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Class/Section: VI**

**Kinetic Energy, Potential Energy, Conversion of Energy**

**Section A**

**(1): Classify the following as a type of potential energy or kinetic energy  
(Use the letter *K* or *P*)**

- (a) A bicycle up a hill .....
- (b) A volleyball player spiking a ball .....
- (c) A ball thrown to second player .....
- (d) The wind blowing through your hair .....
- (e) Walking down the street .....
- (f) Sitting in the top of a tree .....
- (g) A ball sitting on the rack .....

**Section B**

**(3): Complete the Statements.**

- (a) In Burning Candle **Chemical Energy** is changing to .....
- (b) In Light on the table **Electrical Energy** is Changing to .....
- (c) In stove heater **thermal energy** is changing to .....

**Section C**

**(a) What do you understand by “ Kinetic Energy”**

---

---

---

**(b) Define Potential Energy.**

---

---

---

**(c) What is Law of Conservation of Energy?**

---

---

---