

# ASSIGNMENT

## Std 5. Science Ch.9 Work and Energy

To be contd.....

**Q7. Differentiate between work and energy.**

**Ans. Work :**

1. Work is said to be done when a force applied on an object causes it to move a certain distance in the direction of force.

2. Work involves force applied on an object and its displacement.

**Energy :**

1. The ability or capacity of a body to do work is called energy.

2. Energy is required to initiate any kind of work.

**Q8. What is the difference between renewable and non-renewable sources of energy.**

**Ans.**The energy sources that can be replenished or renewed naturally are called renewable sources of energy.e.g sunlight, wind, tides, water, biomass etc

The energy sources that cannot be replenished or renewed are called non renewable energy source . e.g , petroleum , natural gas , coal etc.

Following to be done in the textbook with pencil.

**B. Tick the correct option:**

1. b 2.c 3.a. 4.d. 5.a

**C. fill in the blanks with the correct words:**

1. energy 2. kinetic 3. different  
4. electrical 5. renewable

**D. write true or false:**

1. false 2. false 3..true 4.false 5.true

**E. name the following:**

1.energy 2.mechanical energy.  
3.renewable energy source  
4.sound energy

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