

**INDIAN SCHOOL MUSCAT  
PRIMARY SECTION**

**SUBJECT: SCIENCE**

**NAME :**

**SCIENCE ENHANCEMENT ACTIVITY ( SEA) - 5**

**STD : IV SEC :**

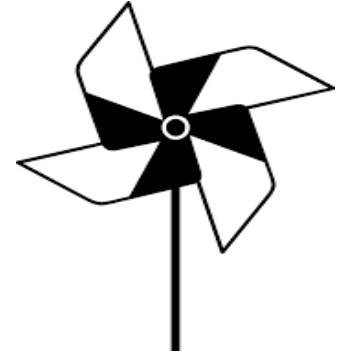
**TOPIC : FORCE , WORK AND ENERGY**

**DATE : / / 2020**

**I. Choose the correct answer and shade the option in the given OMR sheet.**

**1) When a pin wheel is placed against wind, it begins to spin. This proves that**

- a) moving air has energy.
- b) pin wheel has life.
- c) pin wheel has energy.
- d) moving air has no energy.



**2) The scientist who first told about gravity was**

- a) Sir Isaac Newton.
- b) Aryabhata.
- c) Albert Einstein.
- d) Alexander Grahambell.

**3) In which of the following cases is the work not done?**

- a) girl lifts a bag
- b) person driving a car.
- c) man is walking.
- d) child pushing a wall.



**4) Which among these is not a simple machine?**

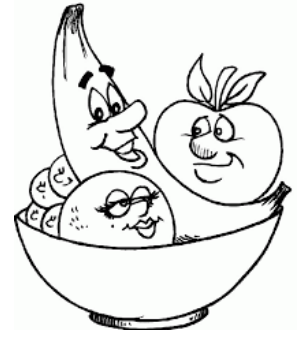
- a) Pulley
- b) Flute
- c) Screw
- d) Lever

**5) Which of the following energies can be replenished?**

- a) Solar energy
- b) Wind energy
- c) Hydroelectricity
- d) all of these

**6) Anuj is standing on the road, carrying a bag filled with vegetables. No work is done in this because**

- a) he is carrying a bag.
- b) he is not sitting.
- c) there is no change in the position of Anuj.
- d) all the above.



**7) To reduce \_\_\_\_\_ force on a carrom board, talcum powder is applied. This force is same as the force**

- a) applied by hand on sponge ball.
- b) that pulls all objects towards the earth.
- c) that prevents us from slipping while walking.
- d) that makes it tough to lift heavy objects.

**8) Identify the type of energy used in moving a bicycle?**

- a) Light energy
- b) Heat energy
- c) Chemical energy
- d) Muscular energy

**9) While writing with a chalk on the blackboard, your teacher is able to write due to the**

- a) gravitational force.
- b) frictional force.
- c) electrostatic force.
- d) none of these.

**10) John decided to use CFLs and LEDs for decorating Christmas tree this year. He preferred these bulbs as they are**

- a) not long lasting.
- b) eco friendly and save energy.
- c) cheap.
- d) heavy.

