



CLASS: 5<sup>th</sup>  
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Subject: Science  
Lesson 1 to 7

### I. MULTIPLE CHOICE QUESTIONS.

1. A change that does not produces a new substance is called \_\_\_\_\_.  
(a) Physical change (b) Chemical change (c) Both of these (d) None of these.
2. \_\_\_\_\_ is used in watches.  
(a) Quartz (b) Graphite (c) Copper (d) Talc
3. A razor is an example of \_\_\_\_\_.  
(a) Wedge (b) Screw (c) Wheel and axle (d) None of these.
4. A force that pulls everything towards its centre is called \_\_\_\_\_.  
(a) Gravitational force (b) Frictional force (c) Electrical force (d) Elastic force.
5. \_\_\_\_\_ has a lot of craters on its surface.  
(a) Moon (b) Earth (c) Jupiter (d) Mercury
6. \_\_\_\_\_ is a translucent object.  
(a) Clear glass (b) Butter paper (c) Wood (d) Mirror
7. \_\_\_\_\_ gas causes global warming.  
(a) Oxygen (b) Carbon dioxide (c) Hydrogen (d) Nitrogen
8. \_\_\_\_\_ is the outermost layer of the earth.  
(a) Crust (b) Core (c) Mantle (d) None of these.

### II. Fill in the blanks.

1. Objects that do not give out light are called \_\_\_\_\_.
2. \_\_\_\_\_ is a simple machine used to draw water from a well.
3. The colour of the shadow is always \_\_\_\_\_.

### III. True or false.

1. Shadows are always of the same colour as the object.
2. Lunar eclipse is seen only at night.
3. CNG is used by buses to reduce diesel fumes.

#### **IV. Match the following.**

- |                       |                  |
|-----------------------|------------------|
| 1. A street light     | (a) Sound energy |
| 2. The ring of a bell | (b) Heat energy  |
| 3. Burning of wood    | (c) Light energy |

#### **V. Answer the following questions.**

1. What is non biodegradable waste?
2. Differentiate between transparent and translucent materials.
3. Name the three layers of the earth.
4. Using a diagram show how a lunar and solar eclipse occurs.
5. Which two factors determine the size of a shadow.
6. What do you mean by land pollution?
7. What is the difference between three classes of levers?
8. Why there is no life on the moon?
9. What is green house effect?
10. What is the difference between rotation and revolution?

#### **VI. Case based question.**

Friction is a force that acts opposite to the direction of the motion of an object. Thus, friction always opposes the movement of an object and slows down motion. When two objects are rubbed against each other, they cause friction.

1. What is friction?
2. Which force is produced between the tyres of a vehicle and road?

Subject Teacher

H.O.D.

Co-ordinator

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