

INTERNATIONAL INDIAN SCHOOL BURAIDAH

WORKSHEET

Subject: Science

Class: VII

CHAPTER-06, (PHYSICAL AND CHEMICAL CHANGES)

I) Fill in the blanks:-

- 1) Burning of magnesium is a ----- change.
- 2) The changes that occur in chemical reactions are -----.
- 3) Matters are classified as element, compound and -----.
- 4) Chemical name of  $H_2SO_4$  is-----.
- 5) In chemical reaction reactants changes into -----.
- 6) Dissolving salt in water is a ----- change.
- 7) The glowing of the tube light is a----- change.
- 8) Change in which a new substance is formed is called-----.

II) Multiple Choice Questions:-

- 1) Melting of ice is a  
a) Chemical change b) physical change c) periodic change d) Both a & b
- 2) Formation of compound is  
a) Physical change b) temporary change c) chemical change d)  
reversible change
- 3) Sea water is a  
a) element b) compound c) mixture d) molecule
- 4) Which of the following is an example of chemical change  
a) Melting of ice b) burning of candle c) Heating of iron rod d) none
- 5) Symbol that represents sodium is  
a) Na b) K c) S d) Fe
- 6) Chemical change are characterized by

- a) Formation of a new substance   b) release of energy   c) absorption of energy   d) reversible
- 7) Physical changes are  
a) Irreversible   b) periodic   c) reversible   d) all of these
- 8) Which of the following is an example of physical change?  
a) Rusting of iron   b) boiling of water   c) melting of ice   d) both b& c

III) Answer the following questions:-

- a) What is galvanization? Why iron articles are galvanized.
- b) Write any four characteristics of chemical change?
- c) Define the term rusting.
- d) What are physical changes? Give any two examples.
- e) Write a note on crystallization.