



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

TERM- 1

Subject-Physical Science Worksheet- 7 Class – 7

Date- 14.03.21

Topic- PHYSICAL AND CHEMICAL CHANGES

CHOOSE THE CORRECT OPTION- (MCQ)

MARKS=1×15

Question 1.

In which type of change a new substance is formed?

- (a) In physical change
 - (b) In chemical change
 - (c) In both (a) and (b)
 - (d) In neither of these
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Question 2.

Which among the following is a physical change?

- (a) Cutting a log of wood in small pieces
 - (b) Burning of wood
 - (c) Ripening of fruit
 - (d) Cooking of food
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Question 3.

Which of the following is a chemical change?

- (a) Bursting of a fire cracker
- (b) Germination of seed
- (c) Coal formation from buried trees
- (d) All of these

Question 4.

Which is a method to prevent rust?

- (a) Crystallization
 - (b) Sedimentation
 - (c) Galvanisation
 - (d) None of these
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Question 5.

How crystal of pure substances are obtained?

- (a) By crystallization
 - (b) By chromatography
 - (c) By peptization
 - (d) By all these methods
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Question 6.

What is the formula of rust?

- (a) Fe_2O_3
 - (b) Fe_3O_4
 - (c) FeO
 - (d) None of these
-

Question 7.

What will happen if carbon dioxide gas is passed through lime water ?

- (a) Calcium carbonate is formed
 - (b) The lime water turns milky
 - (c) Both of these
 - (d) None of these
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Question 8.

Iron pillar near the QutubMinar in Delhi is famous for the following facts. Which of these facts is responsible for its long stability?

- (a) It is more than 7 metres high
- (b) It weighs about 6000 kg

- (c) It was built more than 1600 years ago
 - (d) It has not rusted after such a long period
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Question 9.

Galvanisation is a process used to prevent the rusting of which of the following?

- (a) Iron
 - (b) Zinc
 - (c) Aluminium
 - (d) Copper
-

Question 10.

Paheli's mother made a concentrated sugar syrup by dissolving sugar in hot water. On cooling, crystals of sugar got separated. This indicates a:

- (a) physical change that can be reversed
 - (b) chemical change that can be reversed
 - (c) physical change that cannot be reversed
 - (d) chemical change that cannot be reversed
-

11. Changes that lead to the formation of new substances are called

- a.chemical change
 - b.physical changes
 - c.ideal changes
 - d.none of these
-

12. Melting of candle wax is a Physical change but its burning is a change.

- a.chemical

b.physical

c.neither

d.solar

13. Energy is in the formation of curd from milk.

a. Released

b.absorbed

c.does not effect

d.none of these

14. A brown layer formed when an iron article is left exposed in an open area is called

a.rusting

b.gold plating

C.aluminium plating

D.carbon plating

15. The brown layer deposited on an iron nail dipped in copper sulphate solution is due to

a.chemical change

b.physical change

C.both

d.none of these

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