



FOR GOD AND COUNTRY

**ST. LAWRENCE HIGH SCHOOL**



**A JESUIT CHRISTIAN MINORITY INSTITUTION**

**TERM- 1**

**ANSWERS**

**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?

(b) In chemical change

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Question 2.

Which among the following is a physical change?

(a) Cutting a log of wood in small pieces

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Question 3.

Which of the following is a chemical change?

(d) All of these

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Question 4.

Which is a method to prevent rust?

(c) Galvanisation

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Question 5.

How crystal of pure substances are obtained?

(a) By crystallization

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Question 6.

What is the formula of rust?

(a)  $\text{Fe}_2\text{O}_3$

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Question 7.

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

(b) The lime water turns milky

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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?

(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

r

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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

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

a.chemical change

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

a.chemical

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

b.absorbed

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

a.rusting

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

a.chemical change

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