



# SHIKSHA CLASSES

Sub. : Science  
Std. : VIII<sup>th</sup> - S.B.

Question Paper  
7. Metals and Nonmetals

Marks : 20  
Time : 45 min.

**Q.1(A) : Choose the correct alternative** 2

1) Carat gold is gold of ..... purity.

- a) 100%      b) 91.66%      c) 75%      d) 44%

2) Metalloids have properties of .....

- a) metals    b) non-metals  
c) both metals and non-metals      d) neither metals nor non-metals

**Q.1(B) : Solve any one of the following question** 1

1) Identify the odd term

Brass, Bronze, Iron, Steel

2) Define Corrosion.

3) Write the electronic configuration of Oxygen.

**Q.2(A) : Give reason (Any One)** 2

1) The stainless steel vessels in kitchen have copper coating on the bottom.

2) Sodium metal is kept in kerosene.

**Q.2(B): Solve any two of the following question.** 4

1) What are the metals that make the alloys brass and bronze?

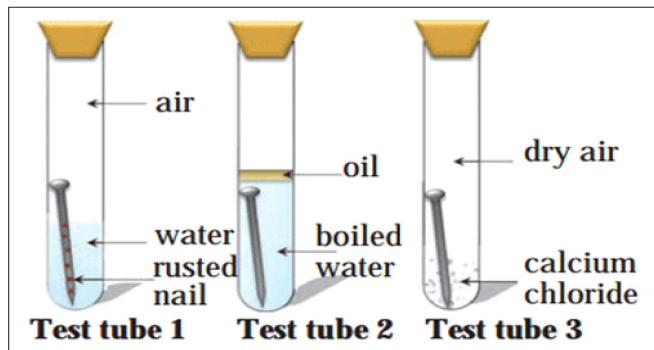
2) What is done to prevent corrosion of metals?

3) Define Alloy.

4) What are the uses of noble metals?

**Q.3 : Solve any two of the following question.** 6

1) Three experiments to study the process of rusting are given below. Observe the three test tubes and answer the following questions.



- i) Why the nail in the test tube 2 is not rusted?
  - ii) Why is the nail in the test tube 1 is rusted highly?
  - iii) Would the nail in the test tube 3 get rusted?
- 2) Define the following:
- a) Ductility
  - b) Malleability
  - c) Metalloids
- 3) Write the difference between metal and nonmetal.
- 4) Write the uses of metals and nonmetals

**Q.4 : Solve any One of the following question.**

5

- 1) Explain the formation of ions in metals and non metals with example.
- 2) Write the chemical properties of metals.

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