

## Chemistry Chemical Compounds Questions and Answers Pdf Free Download

### Question: 1

Give the uses of baking soda?

It is used in the preparation of baking powder.

It is used in fire extinguisher.

It is used as an ingredient of antacids.

It is used in textile, paper and ceramic industries.

### Question: 2

What is called setting of cement?

When cement is mixed with water, it becomes hard over a period of time. This is called setting of cement.

### Question: 3

Distinguish between mild steel and hard steel?

#### **Mild steel**

It contains 0.1 to 0.4 % carbon

Malleable

Used for building construction, car parts, ships etc.

#### **Hard steel**

Contains 0.5 to 1.5% of carbon

Ductile and very tough

Used for making razor blades cutting tools etc.

### Question: 4

What is mortar?

A mixture of cement and sand in the ratio of 3:1 with required amount of water is called mortar. It sets to a hard mass after some time and binds the building materials like bricks and stones.

### Question: 5

What is baking power?

Baking powder is a mixture of sodium bicarbonate and tartaric acid.

It is used as an additive in food stuff to make it soft.

Question: 6

Give importance uses of plaster of paris?

Used to make black board chalks, toys etc.

Used to make smooth surfaces and ornate designs on walls and false ceilings.

Used to make casts for statues.

Used for setting fractured bones and in dentistry.

Question: 7

What is soda ash?

Anhydrous sodium carbonate is otherwise called as soda ash. It is prepared by heating washing soda.

Question: 8

Why is sodium bicarbonate used in baking powder?

When sodium bicarbonate is heated, it decomposes with the evolution of carbon dioxide. This  $\text{CO}_2$  gas softens the dough. Hence it is used as a constituent of baking powder.

Question: 9

What is stainless?

Steel containing 8% nickel and 18% Chromium is called stainless steel.

It is used for making utensils, surgical instruments automobile parts etc.

Question: 10

What is RCC?

RCC means **Reinforced Cement Concrete**. It is used in the construction of dams, bridges, roofs and pillars.