



SECTION-A

- Q1.** Name the gas which is produced when washing soda reacts with lemon juice. **1 Mark**
A Oxygen. **B** Nitrogen. **C** Argon. **D** Carbon dioxide.
E None of these.
- Q2.** Study the table given below. **1 Mark**
- | | |
|----------------------|--------------------|
| Changes | |
| Reversible | Irreversible |
| W - Heating of water | Y - Burning of wax |
| X - Boiling eggs | Z - Baking a cake |
- Which of the above changes is wrongly classified?
- A** W **B** X **C** Y **D** Z
- Q3.** Dissolution of salt in water is which one of the following kinds of change? **1 Mark**
A Reversible change. **B** Irreversible change. **C** Chemical change. **D** All of these.
E None of these.
- Q4.** Rusting of iron is an irreversible change. True/ False **1 Mark**
- Q5.** Bud to flower is a _____ change. (Reversible/ Irreversible). **1 Mark**
- Q6.** Breaking of a China (porcelain) dish is a chemical change. True/ False **1 Mark**
- Q7.** When water is heated, it changes into _____. **1 Mark**
- Q8.** Take a glass of water. Dissolve two tea spoons sugar in it. These are changes in water which can _____. (Be reversed/ Not be reversed). **1 Mark**

SECTION-B

- Q9.** How is metal rim fixed on a wooden wheel of a cart? How is the changes made in that metal? **2 Marks**
- Q10.** Most physical changes are reversible. Give reasons with two examples. **2 Marks**
- Q11.** A piece of iron is heated till it becomes red-hot. It then becomes soft and is beaten to a desired shape. What kind of changes are observed in this process-reversible or irreversible? **2 Marks**
- Q12.** Change of a bud into a flower is a change which cannot be reversed. Give four more such example. **2 Marks**
- Q13.** How the iron blade is fixed into a wooden handle in tools used to dig the soil? **2 Marks**

SECTION-C

- Q14.** What are the differences between reversible changes and irreversible changes? **3 Marks**
- Q15.** A potter working on his wheel shaped a lump of clay into a pot. He then baked the pot in an oven. Do these two acts lead to the same kind of changes or different? Give your opinion and justify your answer. **3 Marks**
- Q16.** Which of the following changes cannot be reversed? **3 Marks**
1. Blowing of a balloon.
 2. Folding a paper to make a toy aeroplane.
 3. Rolling a ball of dough to make roti.
 4. Baking cake in an oven.
 5. Drying a wet cloth.
 6. Making biogas from cow dung.
 7. Burning of a candle.
- Q17.** Look at which shows three situation: **3 Marks**
1. A burning candle.
 2. An extinguished candle.
 3. Melting wax.



Which of these shows a reversible change and why?