

Class: VI
Subject: Chemistry
Topic: Changes around us
No. of Questions: 21

1. What do you mean by a reversible change?
2. Identify the reversible and irreversible changes in the following:
 - (i) Evaporation of water
 - (ii) Burning of paper
 - (iii) Melting of wax
 - (iv) Fermentation
3. Is the freezing of mercury a reversible or irreversible change?
4. What is the effect of heating on a metal?
5. What is the difference between expansion and contraction?
6. Why is the iron blade in soil digging tools heated to fix to a wooden handle?
7. Justify the statement "Melting of coal tar is a reversible change".
8. Why is burning of candle an irreversible change?

9. What is meant by thermal expansion?
10. (a) What are slow and fast changes? Give one example of each.
(b) Can change of day and night be considered a fast change? Explain.
11. Why is melting of wax a reversible change?
12. Why does milk in saucepan overflow when heated over gas?
13. How can expansion process be used for tightly fixing a metal rim on a wooden wheel?
14. A potter makes clay pots using potter's wheel. These pots are dried and then baked. Identify the reversible and irreversible changes that take place in the process.
15. Why making statues out of plaster of Paris is an irreversible change?
16. What is meant by the term melting point of a metal?
17. What do you mean by expansion?
18. Select an example of reversible change.
 - (a) Rusting of iron
 - (b) Burning of petrol
 - (c) Wetting of paper
 - (d) Baking cake

19. Fixing of iron rim to the wooden wheel of a cart involves:
- (a) Cooling followed by heating.
 - (b) Heating followed by cooling.
 - (c) Heating followed by melting.
 - (d) Only heating.
20. Loops are present in the pipelines:
- (a) to handle the expansion and contraction of the metal pipes during summers and winters respectively.
 - (b) to handle the expansion of the metal pipes during winters.
 - (c) to handle the contraction of the metal pipes during summers.
 - (d) None of these.
21. When a solid expands, its volume:
- (a) decreases
 - (b) remain same
 - (c) increases
 - (d) first increases and then start decreasing