Army Goodwill School Rajouri

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**Worksheet- Changes Around Us**

Q1- Why does the hot glass crack when places under cold water?

Q2- Differentiate between reversible and irreversible changes?

Q3- Growth of Child is an irreversible change. Give Reason.

Q4- A potter gives clay the shape of pots. He bakes these pots in an oven. Can the potter get back the raw clay ?

Q5- When a person is suffering from fever, mother use to check the fever from thermometer

1. What does the manometer contain that rises and shows reading ?
2. The rise substance in thermometer is an example of reversible change. Justify the statement.

Q6- Burning of wood is an example of irreversible change. Give reason.

Q7- How is expansion due to heating used to fix a rubber tyre into a wheel?

Q8- Why do water pipes brust when water running through them freezes?

Q9- We write something on paper from pencil and then erase it from an eraser. We saw that the size of eraser reduces and becomes smaller. Name the type of change involved in eraser and justify your answer.

Q10- Which of these is an irreversible change ?

1. Melting of ice c) Freezing of water
2. Boiling of water d) Burning of Paper

Q11- Baking of Cake is an Example of

1. Reversible Change c) Irreversible Change
2. None of these d) Both of these

Q12- Dissolving salt in water is an Example of

1. Reversible Change c) Irreversible Change
2. None of these d) Both of these

Q13- Melting of butter is an Example of

1. Reversible Change c) Irreversible Change
2. None of these d) Both of these

Q14- Curding of milk is an Example of

1. Reversible Change c) Irreversible Change
2. None of these d) Both of these

Q15- Ripening of fruit is an Example of

1. Reversible Change c) Irreversible Change
2. None of these d) Both of these

Q16- Curding of milk is an Example of

1. Reversible Change c) Irreversible Change
2. None of these d) Both of these

Q17- Expansion of a metal is an Example of

1. Reversible Change c) Irreversible Change
2. None of these d) Both of these

Q18- Ripening of mango.is an Example of

1. Reversible Change c) Irreversible Change
2. None of these d) Both of these

Q19-The changes that can be reversed is called\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Reversible Change c) Irreversible Change
2. None of these d) Dilatent Change

Q20- The rim of wheel should be \_\_\_\_\_\_\_\_\_in size as compared to size of wheel

1. Same c) Small
2. None of these d) Large

Q21- When iron is heated it-

1. Contracts c) Expands
2. Dissolves d) Evaporates

Q22- The process, where water changes to vapour after heating is-

1. Melting c) Contraction
2. Evaporation d) Condensation

Q23- Salt is separated from sea water by

1. Filtration c) Decantation
2. Evaporation d) Condensation

Q24- When a metal rim is fitted on wood it is first

1. Expanded then contracted
2. Contracted then expanded
3. Melted then cooled
4. None of the above

Q25- Burning of Candle is

1. Only a physical change
2. Only a chemical change
3. Both Physical and chemical change
4. None of the above