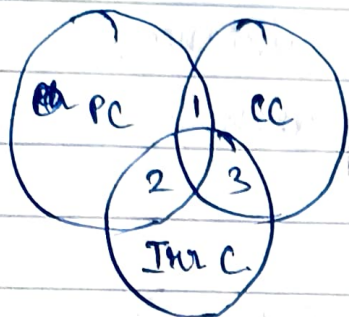


Science
class vii

Physical and Chemical Changes



Observe the given venn diagram and identify 1, 2, 3.

- ① 1 - Baking a cake, 2 - Digestion of food, 3 - Cutting of paper.
- ② 1 - Burning of candle, 2 - Breaking of an egg shell, 3 - Respiration.
- ③ 1 - Rusting of an iron rod, ② - Burning of paper, 3 - Spoilage of food.
- ④ 1 - Burning of LPG gas in kitchen, 2 - Browning of an apple slice, 3 - Curdling of milk.

② Which property remains the same during physical and chemical changes?

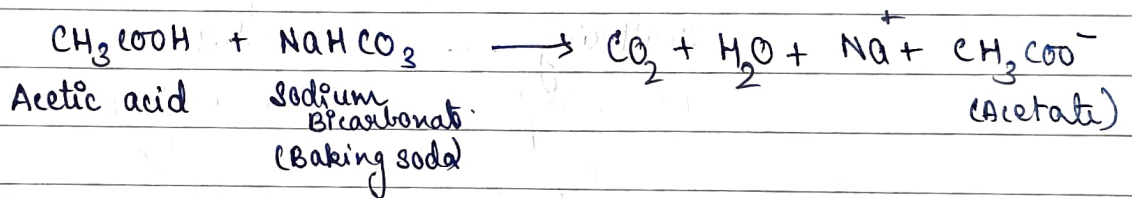
- (a) Shape (b) Size (c) Mass (d) Arrangement of particles.

③ Which process is an example of a chemical change?

- (a) Slicing a piece of bread. (b) Freezing lemonade to make ice pops (c) Decomposing H_2O into H_2 & O_2 .
(d) Crushing a can.

④ Give reason - Rusting of iron is a chemical change but magnetization of iron is a physical change.

⑤ Name the gas produced when Baking soda is treated with vinegar.



⑥ Why does rusting take place faster during rainy season?

⑦ Why do ships suffer a lot of damage from rusting in spite of being painted?



⑧ Give reason - Change of seasons is a periodic change while change of weather is a non-periodic change.