

# Assignment for Changes around Us

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## Question 1

Which of the following is a desirable and undesirable changes?

- (a) Burning of House
- (b) Floods
- (c) Landslides
- (d) Burning of cooking gas
- e) rusting of iron
- f) souring of milk
- g) rotting of fruits
- e) breaking of glass tumbler,

## Question 2

The process of converting solid directly into gas

- (a) Condensation
- (b) Sublimation
- (c) Melting
- (d) evaporation

## Question 3

Which of the following is a slow and fast changes?

- (a) burning of paper
- (b) formation of coal
- (c) growth of the baby
- (d) Rusting of iron
- (e) Burning a matchstick
- (f) Switching on the bulb

## Question 4

Which of the following is an example of non periodic change?

- (a) earthquake
- (b) Landslide

- (c) truck accident
- (d) Rotation of fan
- (e) Movement of earth around sun
- (f) Phases of moon

### Question 5

The process of converting gas directly into solid?

- (a) Condensation
- (b) Sublimation
- (c) decomposition
- (d) evaporation

### Question 6

Which one of these is not true

- (a) Change in which heat is given out is called exothermic changes.
- (b) Changes that cannot be reversed is called irreversible changes
- (c) Iron contracts on heating and expand on cooling
- (d) None of these

### Question 7

Which of the following is a reversible change?

- (a) burning of forests
- (b) Ripening of fruits
- (c) burning of candle
- (d) Melting of ice

### Question 8

Match the column

(P) Changes in which heat is liberated	(X) chemical changes
(Q) change in which new substance is formed	(Y) Endothermic Changes
(R) changes take place by absorption of heat	(Z) exothermic changes

Which of these are correct?

- (a) P  $\rightarrow$  X, Q  $\rightarrow$  Y, R  $\rightarrow$  Z
- (b) P  $\rightarrow$  Y, Q  $\rightarrow$  X, R  $\rightarrow$  Z
- (c) P  $\rightarrow$  Z, Q  $\rightarrow$  Y, R  $\rightarrow$  X
- (d) P  $\rightarrow$  Z, Q  $\rightarrow$  X, R  $\rightarrow$  Y

### Question 9

Iron rim is made slightly smaller than the wooden wheel. The rim is usually heated before fixing into the wooden wheel, because on heating the iron rim

- (a) expands and fits onto the wooden wheel.
- (b) contracts and fits onto the wooden wheel.
- (c) no change in the size takes place.
- (d) expands first, then on cooling contracts and fits onto the wooden wheel.

### Question 10

Salt can be separated from its solution (salt dissolved in water), because

- (a) mixing of salt in water is a change that can be reversed by heating and melting of salt.
- (b) mixing of salt in water is a change that cannot be reversed.
- (c) mixing of salt in water is a permanent change.
- (d) mixing of salt in water is a change that can be reversed by evaporation.

### Answers

- 1) Desirable changes (d)

Undesirable changes All rest of them

2: (b)

3: Slow changes (b),(c),(d)

Fast changes (a),(e),(f)

4: (a) (b) (c)

5: (c)

6: (c)

7: (d)

8: (d)

9: (d)

10: (d)

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