

Udaan 2025

Chemistry

DHA : 1

Time Taken = 3 Minutes
Score = 20/20

Chemical Reactions and Equations

Q 1 Which of the following is a chemical change?

- (A) Twinkling of stars
(B) Rusting of iron
(C) Cutting of fruits
(D) Boiling of water

Q 2 A chemical change may involve –

- (A) change in colour only
(B) change in temperature only
(C) evolution of gas only
(D) all of the above

Q 3 Which of the following is not a physical change?

- (A) Boiling of water to give water vapour
(B) Melting of ice to give water
(C) Dissolving sugar in water
(D) Combustion of Liquefied Petroleum Gas (LPG)

Q 4 Which of the following is/are true when milk changes into curd?

- (i) Its state is changed from liquid to semi solid.
(ii) It changes colour.
(iii) It changes taste.
(iv) The change cannot be reversed.

- (A) (i) and (ii) (B) (ii) and (iii)
(C) (i), (iii) and (iv) (D) (i) and (iv)

Q 5 Which of the following does not involve a chemical reaction?

- (A) digestion of food in our body
(B) process of respiration
(C) burning of candle wax when heated
(D) melting of candle wax on heating

Answer Key

Q1 B
Q2 D
Q3 D

Q4 C
Q5 D



Hints & Solutions

Q 1 Text Solution:

Think if something new is getting formed in any case.

Video Solution:



Q 2 Text Solution:

Try to think about the reaction between colourless solutions of lead nitrate and potassium iodide. Also, think about more such chemical changes.

Video Solution:



Q 3 Text Solution:

If something new is getting formed in any case it is not a physical change.

Video Solution:



Q 4 Text Solution:

Try to think what changes actually happen when milk is turned into curd.

Video Solution:



Q 5 Text Solution:

Try to identify a case in which nothing new is formed.

Video Solution:



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