

Changes Around Us

Question 1.

When ice melts into water, what types of changes do you observe ?

- (a) Physical changes
- (b) Chemical changes
- (c) Both (a) and (b)
- (d) None of these

▼ [Answer](#)

- (a) Physical changes

Ice melts into water is physical change.

Question 2.

Cooked food is the:

- (a) Chemical change
- (b) Physical change
- (c) Both (a) and (b)
- (d) None of these

▼ [Answer](#)

- (a) Chemical change

Cooked food is a chemical change.

Question 3.

If we burn a candle, the height of a candle will .

- (a) Decreased
- (b) Increased
- (c) Remain same
- (d) None of these

▼ [Answer](#)

- (a) Decreased

The height of burning candle is always decreased.

Question 4.

For making the curd, we should the milk.

- (a) Heat
- (b) Cool
- (c) Boil
- (d) None of these

▼ Answer

(a) Heat

For making the curd, we should heat the milk.

Question 5.

Metal rim is made slightly than the wooden wheel.

(a) Bigger

(b) Smaller

(c) Equal

(d) None of these

▼ Answer

(b) Smaller

Metal rim is made slightly smaller than the wooden wheel.

Question 6.

the metal rim expands and fits into the wheel.

(a) On boiling

(b) On cooling

(c) On heating

(d) All of these

▼ Answer

(c) On heating

The incense stick has burnt to give off gases and ashes.

Question 7.

The black material (tar) for repairing road is .

(a) Heated

(b) Cooled

(c) Heated and cooled

(d) None of these

▼ Answer

(a) Heated

The black material (tar) for repairing road is heated.

Question 8.

The incense stick has burnt to give off.

(a) Gases

(b) Ashes

(c) Both (a) and (b)

(d) None of these

▼ [Answer](#)

(c) Both (a) and (b)

The incense stick has burnt to give off gases and ashes.

Question 9.

Metal expand on heating and contract on.

- (a) Boiling
- (b) Washing
- (c) Cooling
- (d) Both (a) and (b)

▼ [Answer](#)

(c) Cooling

Metal contract on cooling.

Question 10.

A change in a substance can be brought by heating it or by it with other substances.

- (a) Cooling
- (b) Boiling
- (c) Washing
- (d) Mixing

▼ [Answer](#)

(d) Mixing

A change be in a substance can be brought by heating it or by mixing it with other substances.

Question 11.

An iron piece is heated red hot and beaten into a shape.

- (a) Desired
- (b) Undesired
- (c) Same
- (d) All of these

▼ [Answer](#)

(a) Desired

A iron piece is heated red hot and beaten into a desired shape.

Question 12.

The change which can be reversed is known as:

- (a) Reversible change
- (b) Irreversible change
- (c) Both (a) and (b)
- (d) None of these

▼ [Answer](#)

(a) Reversible change

The change which can be reversed is known as reversible change.

Question 13.

The change which cannot be reversed is known as:

- (a) Reversible change
- (b) Irreversible change
- (c) Both (a) and (b)
- (d) None of these

▼ [Answer](#)

(b) Irreversible change

The change which cannot be reversed is known as irreversible change.

Question 14.

A process in which liquid changes into gas is known as:

- (a) Solution
- (b) Fusion
- (c) Condensation
- (d) Evaporation

▼ [Answer](#)

(d) Evaporation

Evaporation is the process in which liquid changes into gas.

Question 15.

A process by which gas is turned into liquid is known as:

- (a) Solution
- (b) Fusion
- (c) Condensation
- (d) Evaporation

▼ [Answer](#)

(c) Condensation

Condensation is the process by which gas is turned into liquid.

Question 16.

A process in which liquid is freezed into solid is known as:

- (a) Condensation
- (b) Fusion
- (c) Solution
- (d) Evaporation

▼ Answer

(b) Fusion

Fusion is the process in which liquid is freezed into solid.

Question 17.

When a solid dissolves in liquid then is formed.

- (a) Condensation
- (b) Fusion
- (c) Solution
- (d) Evaporation

▼ Answer

(c) Solution

When a solid dissolves in liquid then solution is formed.

Question 18.

Write a few changes taking place around us on their own:

- (a) Grain to its flour
- (b) Bud to flower
- (c) Cow dung to biogas
- (d) Both (b) and (c)

▼ Answer

(d) Both (b) and (c)

Bud to flower, cow dung to biogas are the changes taking place around us on their own.

Question 19.

The changes that require long time to occur are called:

- (a) Fast change
- (b) Slow change
- (c) Permanent change
- (d) Temporary change

▼ Answer

(b) Slow change

The changes that require long time to occur are called slow change.

Question 20.

The changes which occur immediately are called:

- (a) Slow change
- (b) Temporary change
- (c) Permanent change
- (d) Fast change

▼ Answer

(d) Fast change

The changes which occur immediately are called fast change.

Question 21.

Irreversible changes can also be called:

- (a) Temporary change
- (b) Reversible
- (c) Permanent change
- (d) None of these

▼ Answer

(c) Permanent change

Irreversible changes can also be called permanent changes.

Question 22.

Reversible changes can also be called:

- (a) Temporary change
- (b) Permanent change
- (c) Fast change
- (d) Slow change

▼ Answer

(a) Temporary change

Reversible changes are temporary changes.

Match the following:

Question 1.

Column-A	Column-B
1. Glowing of an electric bulb	(a) reversible change
2. Growth of nails and hair	(b) undesirable change
3. Earth quake and Tsunami	(c) chemical change
4. Change of water into ice	(d) physical change
5. Burning of waste papers	(e) slow change

▼ Answer

Column-A	Column-B
1. Glowing of an electric bulb	(a) reversible change
2. Growth of nails and hair	(e) slow change
3. Earth quake and Tsunami	(b) undesirable change

4. Change of water into ice	(d) physical change
5. Burning of waste papers	(c) chemical change

State whether are True or False:

Question 1.

It is possible to get back the balloon in its original shape and size if it does not burst.

▼ [Answer](#)

True

Question 2.

It is not possible to get back the ball of dough again.

▼ [Answer](#)

False

Question 3.

The size of the paper is same as before and after making an aeroplane by folding.

▼ [Answer](#)

True

Question 4.

If the potter bakes the pot in an oven, this change can reversed.

▼ [Answer](#)

False

Question 5.

Tearing of a cloth is a reversible change.

▼ [Answer](#)

False

Question 6.

Curdling of milk is a chemical change.

▼ [Answer](#)

True

Question 7.

Substances dissolves easily at room temperature than at higher temperature.

▼ [Answer](#)

False

Question 8.

Air contracts on heating.

▼ [Answer](#)

False

Question 9.

Exposure of a photographic film is an irreversible change.

▼ [Answer](#)

False

[Fill in the blanks:](#)

Question 1.

Souring of milk is a change.

▼ [Answer](#)

chemical change

Question 2.

Breaking of glass is a change.

▼ [Answer](#)

irreversible change

Question 3.

Chalk powder is in water.

▼ [Answer](#)

insoluble

Question 4.

Powdering of sugar is a change.

▼ [Answer](#)

physical change

Question 5.

On heating the solubility of a substance

▼ [Answer](#)

increases

Question 6.

The solution which cannot dissolve more of a solute at a given

▼ [Answer](#)

temperature

Question 7.

Changes can effect the things in their surroundings in ways.

▼ [Answer](#)

different

Question 8.

Some times, leaves from trees, change colour and dry out.

▼ [Answer](#)

fall

Question 9.

A balloon changes its size and shape on air into it.

▼ [Answer](#)

blowing

Question 10.

A toy aeroplane made by paper.

▼ [Answer](#)

folding

Question 11.

A ball of dough and a rolled out

▼ Answer

roti

Question 12.

Tools are often before fixing wooden handles.

▼ Answer

heated

Question 13.

Cart wheel with rim fixed to it.

▼ Answer

metal
