

Unit# 8: Fighting Pollution

Think Back! Pg: 64

Ans: Yes, we can recycle empty bottles or newspapers.

Do you know? Pg: 65

Q: What is the effect of plastic bags on the ocean life? Ans. on book

Reading Question: (pg: 66)

Q: What is meant by scrubber? How acid rain is formed/? (Ans. on book)

Can you tell? (Pg: 67)

Ans. The first target is to reduce the amount of waste we generate. if we use less material, we reduce the amount of waste produced.

Activity: Pg: 68

work it out! Pg: 69

working

Exercise: Pg: 70

Answer the following Questions:

Q1: Ans. on book (Pg: 64, 65) Biodegradable material to non-biodegradable.

Q2: Ans. on book (Pg: 65) Impact of non-biodegradable on environment

Q3: Ans. on book. By 4Rs strategy: Reduce, Reuse, Recycle, Rot

B. Choose the correct option:

1. banana peel
2. restore
3. acid
4. CO_2
5. packing foam

Unit# 9: Changing state of matter

Think back! (Pg: 71)

Ans: Gas is state of air.

Activity: Pg: 73

Performance

Diagram: shape of particles arrange in solid, liquid, gas. (On book Pg: 72)

Activity: Pg: 74

Performance

Can you tell? Pg: 77

Ans: In sublimation solid convert directly into gas without change into liquid form i.e. ice. In melting solid change into liquid.

Work it out! (Pg: 78)

State of matter (working)

Exercise:

Q1: Ans. on book (Pg: 72) Solid, liquid, gas with diagram

Q2: Ans. on book (Pg: 75) 3. Boiling 4. Evaporation

Q3: Ans. Matter can change state with a change in the temperature of the surroundings. For example water is liquid at room temperature (i.e about 21°C) but solid when cooled. In a similar way, water becomes steam when heated.

Q4: Ans. on book (Pg; 74) Heating effects particle motion

Q5: Ans. Sublimation: (Pg: 76), Deposition: (Pg: 76)

Choose the correct option

1. three
2. solid
3. gas
4. freezing
5. deposition

Unit# 10: Water cycle

Think back! (Pg: 80)

Ans: We can find three states of matter in nature. Solid, liquid, gas

Do you know? (Pg: 87) Reading

Activity: (Pg: 82) working/ performance

Can you tell? (Pg: 83)

Ans: Because ocean water is salty while rain water is in pure form.

Activity: (Pg: 82) Working

Work it out! Working (Pg: 84)

Exercise

Q1: Ans. There are three states of matter exist naturally. Solid, liquid and gas.

Q2: Ans. on book water cycle: (Pg: 81)

Q3: Ans. on book. (Pg; 81, 82)

(2). Formation of clouds. Pg: 81

(3). Rain from clouds: Pg: 82

Q4: Ans. on book. (Pg: 82) (4. Collection of water)

Q5: Ans. on book (Pg: 83) Snow, Hail

Q6: Ans. Dew, Fog, Frost (Pg: 83)

Choose the correct option:

1. transpiration
2. bigger and heavier
3. rivers
4. both smoke and dust
5. condensation