

Attempt all the questions.

Question 1

Choose the correct answers:

[3]

- (i) The small holes formed in our teeth when we do not keep our teeth clean.
(a) cavities (b) enzymes (c) deposits (d) dirt
- (ii) On ____, the Government of India has launched a national programme called Swach Bharat Abhiyan.
(a) October 2, 2014 (b) October 26, 2014
(c) October 2, 2017 (d) January 2, 2017
- (iii) Sun is a ____ source of energy.
(a) renewable (b) artificial (c) human-made (d) non-renewable
- (iv) Things that can be burnt to get energy are called. ____
(a) fuel (b) light (c) wind (d) power
- (v) Which form of water can we see, feel and be crushed. ____
(a) solid (b) liquid (c) gaseous (d) none of these
- (vi) Identify the solution.
(a) a bowl of cereal and milk (b) sand in water
(c) a glass of lemonade (d) chalk powder in water

Question 2

Fill in the blanks:

[3]

- (i) Plants absorb ____ and help us by releasing ____.
- (ii) The ____ source of energy will never get exhausted.
- (iii) The green pigment present in plants is called ____.
- (iv) When water boils in a pot, we can see ____ as mist.
- (v) The ____ are the places where you spend most of your time.
- (vi) Sleeping helps our body to regain ____.

Question 3

State whether true or false:

[1]

- (i) Photosynthesis occurs at night in plants.
- (ii) Drink 1-2 glasses of water everyday.
- (iii) Using polythene bags harms the environment.
- (iv) Physical exercise and rest are a part of cleanliness in our surroundings.

Question 4

Name the following:

[4]

- (i) The process where vapour cools down and becomes a liquid.
- (ii) Grains of a plant and a rich sources of carbohydrates.
- (iii) The chemical used to make water fit for drinking.
- (iv) Anything that occupies space and has mass.

Question 5

Study the features given below and identify them:

[4]

- (i) Exhaled from the plants yet unseen and essential for you to breathe.
- (ii) A fuel from the past, formed from decay , if I'm used faster than I form, then I won't last long.
- (iii) A plant part that adds flavour to the food and with healing properties for your cough.
- (iv) Something you can't see, but you should always wash me off before eating or I can make you sick.

Question 6

Define the following.

[6]

- (i) Photosynthesis. (ii) Evaporation. (iii) Soluble impurities.
- (iv) Density. (v) Hygiene. (vi) Water.

Question 7

Answer the following in a sentence or two:

[10]

- (i) Write two differences between solid and liquid.
- (ii) Write any four properties of water.
- (iii) Why does a piece of thermocol float on water whereas small lead shots sink.
- (iv) How is rain water harvesting useful to us?
- (v) Why are the waste bins differently coded with red and green colours?

Question 8

Observe the pictures and answer the questions that follow:

[9]

(i)

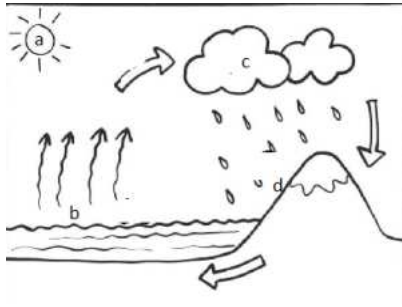


- (a) Name the above appliance.

(b) Why is black colour used for this appliance.

(c) Write any other use of the energy used by the given appliance.

(ii)



(a) Explain about the part labelled as 'c' (Answer in one or two sentences).

(b) What happens when the clouds get too heavy to hold the water droplets?

(c) What is the journey of water from the river and back called?

(iii)



(a) Mention any two causes of unhealthy surroundings.

(b) We should dispose off waste properly. Why?

(c) Mention any two ways that you could follow to improve your surroundings.
