

SUBJECT :- SCIENCETopic :- MATTERCLASS :- 4thLesson no. :- 04Solved Assignment of Unit-2nd (2021)Q1 Why is air said to be made of matter?

Ans Air is said to be made of matter because it is a gas composed mostly of nitrogen, oxygen, and argon and gases do have mass and occupy space.

Q2 What are molecules?

Ans The molecules are the smallest unit of a substance that has all the properties of that substance.

Q3 What is the difference in the way molecules are arranged in stone, water and air?

Ans In stone, the molecules are closely packed. In water, the molecules are loosely packed and in air, the molecules are far away from each other.

Q4 Why do solids not flow?

Ans Solids do not flow because the particles are held tightly together by strong force of attraction.

Q5 When sugar is dissolved in water, the volume of water remains the same. Why?

Ans This is because there are spaces between the molecules of water, so when sugar dissolves

in water, the sugar molecules fill these empty spaces and the volume of the water remains the same.

Q6 How can you make a saturated solution of salt in water?

Ans To make a saturated solution of salt in water, we would slowly add salt and stir until the solution reaches the point at which it can dissolve more solute and the salt we add sinks to the bottom in solid form.

(A) Multiple Choice questions:-

Answers

1, d, love 2, b, Mango juice 3, d, Something dissolves in it 4, c, Milk 5, c, water

(B) Mark '✓' for true and 'X' for false statements.

Answers

1, ✓ 2, ✓ 3, ✓ 4, X 5, X

(D) Fill in the blanks

Answers

1, Volume 5, Saturated
2, Volume, shape
3, heating
4, Solute

TOPIC :- OUR CLOTHESLESSON No. :- 05

Q1 Why do people living in hot places wear cotton clothes?

Ans The people living in hot places wear cotton clothes because cotton clothes absorb excess sweat and helps the body to cool down.

Q2 What kinds of clothes do people living in cold places wear? Why?

Ans In cold places people wear clothes made of wool, fur or leather because such clothes prevent body heat from escaping and thus keeps the body warm.

Q3 How should silk and woollen clothes be stored?

Ans The silk and the woollen clothes be kept in boxes along with mothballs or dried neem leaves.

(A) Multiple choice questions:

Answers

- 1, c, nylon 2, a, absorb sweat 3, b, wool
4, b, overalls 5, d, dry-cleaning

(B) Match the words in the two columns:-

Answers

- 1, - d. animal skin

- 2, - C. fibre not obtained from plants or animals
 3, - a. white coat
 4, - b. tough uniform

(D) Name the following

Answers

- 1, Raincoat 2, Silkworm 3, Synthetic fibres
 4, Overalls 5, Uniform

PERIODIC TEST - I

Page no. 120

Q1 How many teeth would a child have at the age of three?

Ans At the age of three, a child usually has 20 teeth.

Q2 Name the smallest microbes.

Ans Viruses are the smallest of all microbes.

Q3 Which of these foods will give us quick energy when we are tired - bananas or cheese? Explain your answer.

Ans Bananas will give us quick energy because they are an excellent source of carbohydrates which help to increase energy level in our body.

Q4 Explain two ways in which saliva is useful in digesting food.

Ans The following are the two ways in which saliva is useful in digesting

food.

1, Saliva helps to breakdown starch into soluble sugar.

2, It softens the food for easy swallowing.

Q6 In Tibet, where it can be very cold, people often drink butter tea. Why do you think they put butter in the tea? Name two other foods which are rich in the same nutrient.

Ans The people in Tibet often drink butter tea because it gives them energy and keeps them warm. Cheese and fish are the two other foods which are rich in the same nutrient.

Q7 Is chewing food to break it down into small bits enough for digestion? Why, or why not?

Ans Yes, because healthy digestion and nutrient absorption begins with the simple act of chewing our food.

Q8 What is digestion? Name four organs in our body that produce digestive juices.

Ans The breaking down of food into simpler forms inside our body is called - digestion. Salivary glands, stomach, liver and pancreas are the four organs in

our body that produce digestive juices.

Q9 Mention any three uses of microbes.

Ans Uses of microbes

- 1, Useful bacteria helps in the decay of dead plants and animals
- 2, They are used in making food such as cheese, vinegar etc.
- 3, Yeast is a fungus that is used in making bread.

Q10 Name the different kinds of teeth that humans have. Explain what each is used for.

Ans Different kinds of teeth Uses

1, Incisors

They are used for cutting and biting the food.

2, Canines

They are used for tearing the food.

3, Premolars

They are used for crushing the food.

4, Molars

They are used for grinding the food.