

CLASS

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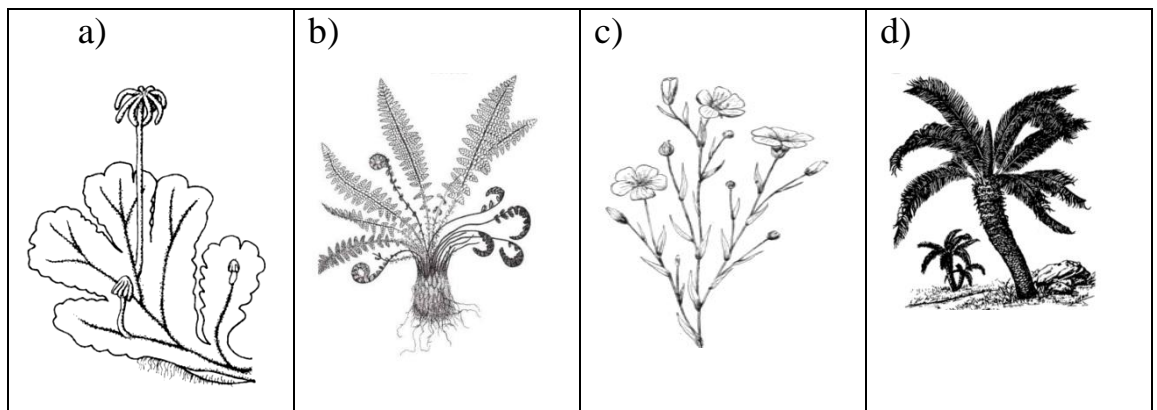
UNIT 1 : Plants

SCIENCE

1. The function of this part in plant is to -----



- a) absorb the water
 - b) Prepare the food
 - c) give out the water (transpiration)
 - d) Produce fruits
2. Identify the flowering plant :



Answer: -----

3. Select the odd one out :

- a) Neem tree
- b) Fungi
- c) Teak tree
- d) Bamboo

4. Reproduction : Flower ::

 ? : Leaf

- a) Food preparation
- b) Absorption
- c) Imbibition
- d) Anchorage

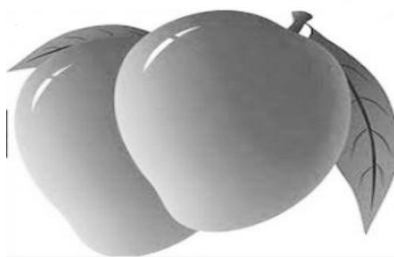
5. Select the edible non-green plant

a)



Mushroom

b)



Mango

c)



Ladies finger

d)



Brinjal

6. Plants are called producers. Why?

- a) They depend food for others
- b) They get food from animals
- c) They prepare food theirself
- d) They produce next generations

7. Match the following.

a) Root	1. Mechanical support
b) Leaf	2. Pollination
c) Stem	3. Conducts water and minerals
d) Flower	4. Transpiration

- a) a – 1; b – 2; c – 3; d – 4.
- b) a – 3; b – 4; c – 1; d – 2.
- c) a – 2; b – 4; c – 1; d – 3.
- d) a – 1; b – 3; c – 4; d – 2.

8. An example for edible flower bud is -----.

a)



Cardamon

b)



Pepper

c)



Bean

d)



Clove

9. List out the parts of banana which are used by human beings

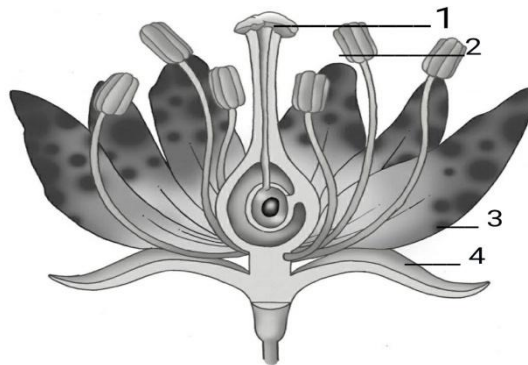


1. _____
2. _____
3. _____
4. _____
5. _____

10. The fastest growing plant is -----

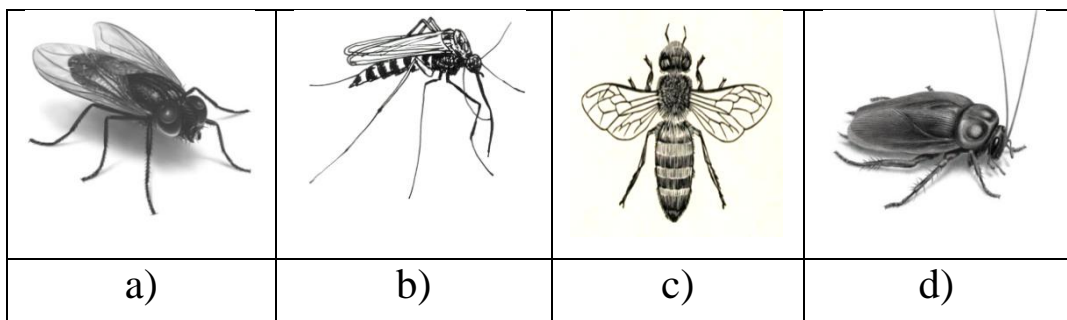
- a) Neem
- b) Bamboo
- c) Sandal
- d) Fern

11. Label the parts of the flower



1. _____
2. _____
3. _____
4. _____

12. Which of the following is very closed to flower?



13. Say True or False:

The edible part of the sweet potato is stem.

Answer : -----

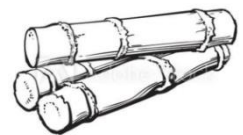
14. _____ seeds are used as a edible part.

a) Paddy

b) Banana

c) Dates

d) Sugarcane



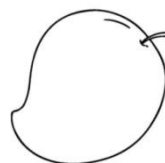
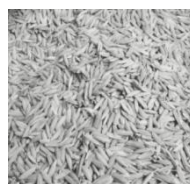
15. Select the odd one out based on the grass variety.

a) Tea plant

b) Paddy

c) Mango

d) Cauliflower



Answers : 1 : Plants						
1.	a	6.	c	11.	**	* 9) 1. leaf, 2. shaft, 3. sheath, 4. fruit, 5. inflorescence ** 11) 1. Stigma, 2. Androecium, 3. Petal, 4. Sepal
2.	b	7.	b	12.	c	
3.	b	8.	d	13.	false	
4.	a	9.	*	14.	a	
5.	a	10.	b	15.	b	

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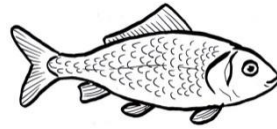
Unit : 2. Animals

SCIENCE

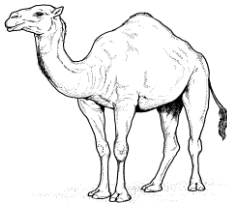
1. Look at the animals shown below and write their habitat.



.....



.....



.....



.....

2. The Chameleon has the unique ability to change its colour according to its immediate surroundings called _____.
- a) Aestivation
 - b) Adaptation
 - c) Camouflage
 - d) Migration
3. Say True or False:
- 1. The natural house or environment of an animal is called its habitat. []
 - 2. Elephants, deer, tiger, lion are some herbivorous animals. []
4. Vulture and hyenas are some scavenger animals. Choose the correct one.
- a) These animals feed on plants and leaves
 - b) These animals feed on animals
 - c) These animals feed an both plants and animals
 - d) These animals feed on the flesh of dead animals

5. Say True or False:

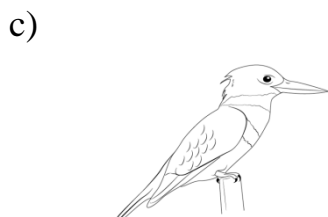
Ants have a better sense of smell than dogs. Answer :-----

6. In following animals which one is live in colonial life?

(i)Termite (ii) honeybee (iii) ants (iv) birds

- a) i, ii are correct
- b) ii, iii are correct
- c) i, ii and iii are correct
- d) ii, iii and iv are correct

7. Pick out the odd one out :



Reason :

8. Nocturnal animals are more active at night than during the day.

What happens to these animals during the day time?

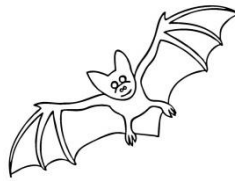
- a) Eating more food
- b) Taking rest
- c) Making nest
- d) More sleeping

9. Insect has

- a) Two pairs of legs
- b) Three pairs of legs
- c) One pair of legs
- d) Four pairs of legs

10. How do bats identify food and navigate?

- a) Illumination
- b) Dark sense of seeing
- c) Echolocation
- d) Sniffing



11. The insects have segmented bodies divided into three regions as Head, Thorax and Abdomen. Antenna in the head helps in sensation. Say True or False.

12. Kangaroo movement is a special type of movement. Pick out the correct one.

- a) Walking
- b) Summer salting
- c) Gliding
- d) Salutation



13. Which of the one given below is not an insect?



b)



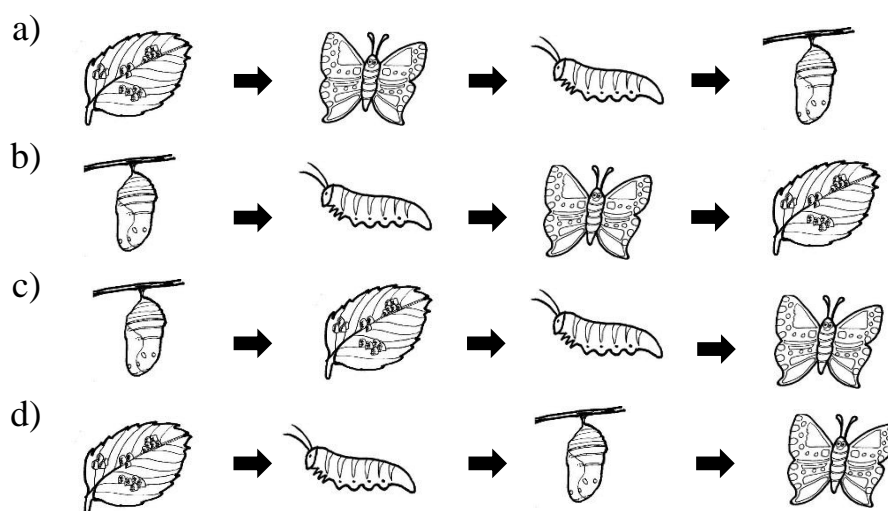
d)



14. The material / substance produced by an insect which is used for preparation of medicine. Identify the insect.

- a) Mosquitoes
- b) Silk moth
- c) Lac insect
- d) Honey bees

15. Identify the correct sequence of life cycle of an insect.



Answers : Unit 2: Animals

1.	Forest, Water, Snow region, Deserts	6.	c	11.	True
2.	c	7.	d	12.	d
3.	True, False	8.	d	13.	d
4.	d	9.	b	14.	d
5.	True	10.	b	15.	d

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UNIT : 3 : MY FOOD

1. Complete the table by placing correct food items under each heading
(Key words : Onion, Dosa, Carrot, Poori, Tomato, Pongal, Fish curry, Cucumber, Beetroot, Beans, Sambar)

S. No.	Raw food	Cooked food

2. There are several ways that food can be cooked. Have a look at the pictures given below and select the ways of cooking . (Steam / Fry)

a)



b)



c)



d)



3. Pick out the wrong statement.
- a) Utensils should be washed after use
 - b) Utensils should be sundried after washing
 - c) Utensils should be kept in place where there is insect proof
 - d) Utensils should be used without washing
4. Why do you wash your hands with soap before eating?
- a) To have a pleasant smell
 - b) To keep away from microorganism
 - c) As it is a customary practice
 - d) As it is told by your class teacher
5. One of your friends is suffering with dysentery. What food do you suggest for him/her as immediate source?
- a) Mango juice
 - b) Milk
 - c) Curd rice
 - d) Sugar and salt water
6. Why do doctor advice a patient with high fever and weakness to have glucose drips?
- a) It is common practice in hospitals
 - b) It fight against disease causing organisms
 - c) It provides energy quickly
 - d) It quenches thirst

7. A dietician had come to a school and was addressing the students. She said vegetables like tomato, cucumber , carrot and radish could be eaten raw and not cooked. Later she explained the reason. What would be?

- a) They become tasteless when cooked
- b) The vitamins present in the food get destroyed
- c) The fat present in the food get destroyed
- d) Protein become denatured

8. Below are given few food items that are good source of protein, lipids and carbohydrates. Fill the boxes with correct source of food






Pulses, idly, dosa, potato, beans, banana stem, ghee, oil, chicken, fish, cake, corn cereals, chappathi, fried food, vegetables

Carbohydrates	Protein	Lipids

9. Why is it **not** advisable to purchase the eatables sold on the road side shop

- a) It is contaminated with germs
- b) It has no nutrients
- c) It is prepared locally
- d) It is sold on the road side

10. Match the food items with its preservation method by drawing lines

S. No	Food Items	Preservative Methods
1.		Boiling and cooling
2.		Salting
3.		Canning
4.		Drying
5.		Sugar syrup

11. You see your schoolmates wasting foods provided by “Mid day Meal scheme”. What will be your reaction?

- a) will not say anything
- b) will report it to the teacher
- c) will inform my parents
- d) will advice my friends not to waste food

12. Pick out the apt food items suggested for people with illness from the items given

Chicken-65, idly, idiyappam, pizza, fish fry, mutton, biriyani, chilli parotta, porridge, ghee rice, chappathi

13. Read the Sentences and write 'Yes' if you agree (or) write 'No' if you disagree. Justify your answer.

Eating parotta very often

i. Justify : _____

(A) indigestion (B) tasty food item

Yes	No
-----	----

Adding colouring agent in kesari

ii. Justify : _____

(A) Appealing (B) Stomach ache

Yes	No
-----	----

Addition of more masalas in fast food items

iii. Justify : _____

(A) acidity (B) Add flavour and taste

Yes	No
-----	----

14. Now-a-days majority of people prefer food cooked in mud vessels. Why?

- They are very tasty
- They are at low prize
- Prevent the destruction of nutrients and add more natural minerals to food
- Mud vessels are low cost materials

15. Which is the best way of using leftover cooked food?

- Eating as such
 - Eating after heating
 - Heating the refrigerated food sometimes later
 - Heating the refrigerated food before eating
- 1, 4
 - 2, 4
 - 1, 3
 - 3, 4

Answers : UNIT : 3 : MY FOOD

1.

S.No	Raw Food	Cooked Food
1	Onion	Dosa
2	Carrot	Poori
3	Tomato	Pongal
4	Cucumber	Fish curry
5	Beetroot	Sambar
6	Beans	

2. a) Steam b) Fry c) Fry d) Fry

3. d

4. b

5. d

6. c

7. b

8.

Carbohydrate	Protein	Fat
Idly, Dosa, Chappathi, Potato, Cereals, Corn	Pulses, Vegetables, Banana stem, Fish, Chicken	Oil, Ghee, Cake, Fried food

9. a

10. 4, 2, 5, 1, 3

11. d

12. idly, idiyappam, porridge

13. i) No – indigestion ii) No – Stomach ache iii) No – acidity

14. c

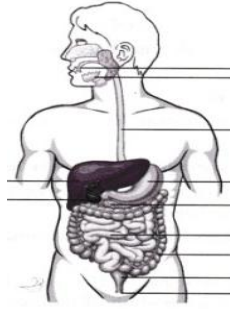
15. b

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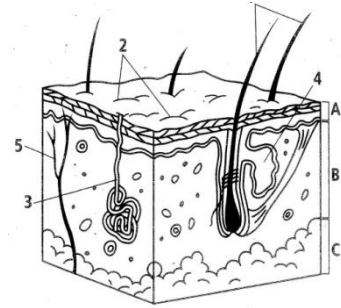
UNIT – 4 : MY BODY

1. Put the (✓) mark if True and (✗) mark if False
 - A) The brain is co-ordinating the body with the help of hormones ☐
 - B) Kidneys help to detoxify the substance present in our food and produce chemicals for digestion ☐
2. What is the job of muscles?
 - a) Support to skeletal system
 - b) Production of blood cell
 - c) Protect internal organs
 - d) Helps in movement
3. I am a special kind of organ located adjacent to lungs. I am always working and I never get tired. I pump blood to all parts of body. Who am I?
 - a) Blood vessel
 - b) Oesophagus
 - c) Liver
 - d) Heart
4. Find out the system in the body with the clues given
 - i. It gives support to body and structure
 - ii. It also protects your delicate organs like brain liver and lungs
 - iii. It is filled with a substance called marrow.

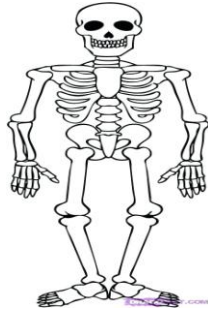
a)



b)



c)



d)



5. World Puzzle:-

Find and Encircle the internal organs:-

K	M	U	S	C	L	E	S
I	A	P	B	O	N	E	S
D	B	H	R	E	U	S	P
N	L	P	A	W	R	T	F
E	M	S	I	X	A	O	S
Y	L	U	N	G	S	M	K
R	B	T	O	Q	V	A	P
H	E	A	R	T	N	C	N
R	I	E	F	X	U	H	O

6. Read the sentence carefully and put the (✓) mark for true or (✗) mark for false

i We have 206 muscles in our body

☐

ii We can find calves on the upper body

☐

iii The brain is an organ, not a muscle

☐

iv The skeleton supports your body

☐

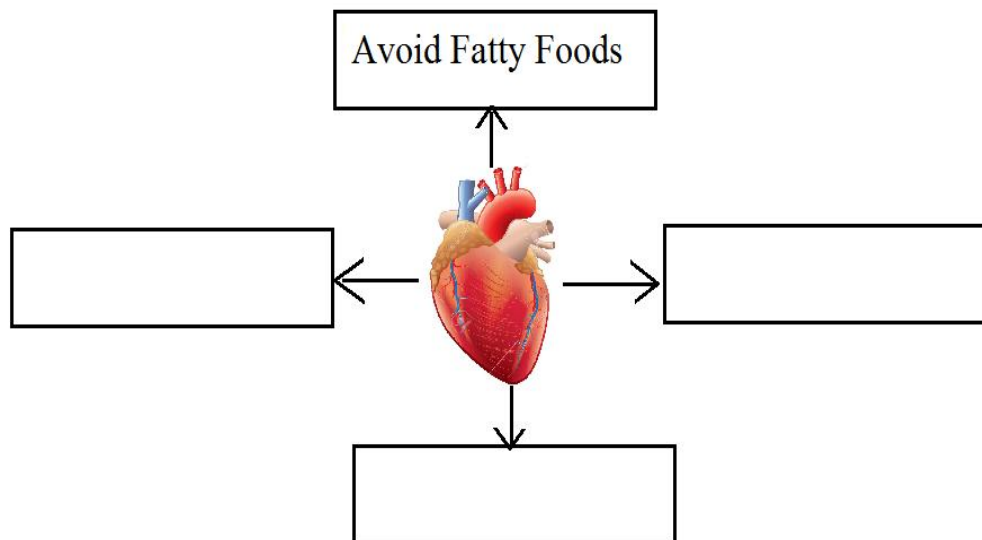
v Our muscle makeup 10 % of your body weight

☐

7. Classify the foods that are bad for your teeth
(Ragi, Chocolates, Cabbage, Egg, Milk, Lolipop, Biscuits, Carrot, Cakes, Papaya, ice cream, Almond, Pizza, Bubble gum)


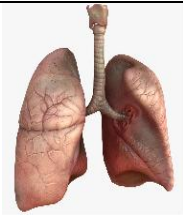


Bad for Teeth:

8. How do we take care of our heart, write in the empty boxes given



9. Yazhini went to the market with her father in a two wheeler. At that time more smoke is emitted from vehicles. Which body function of Yazhini gets affected due to it?
- a) Blood Circulation
 - b) Gas Exchange
 - c) Digestion
 - d) Excretion

10. Match the following by drawing lines.

i)		Heart	Breath in Oxygen and breath out Carbon di oxide
ii)		Stomach	Controls all our organs and their body parts through messages ,it is a storage for our memory
iii)		Brain	Digests the food we eat
iv)		Lungs	Pumps blood to our whole body

11. Vijay often visits dentist for cavities, bleeding gums, toothache and bad smell in his mouth. Please guide Vijay by putting (✓) tick mark for the good habits to be followed:-

- | | | |
|------|---|--------------------------|
| i) | Eating salads and fruits | <input type="checkbox"/> |
| ii) | Keeping chocolates and lollipops for long time in the mouth | <input type="checkbox"/> |
| iii) | Brush only in the morning | <input type="checkbox"/> |
| iv) | Rinsing the mouth after every meal | <input type="checkbox"/> |
| v) | Eating cake and bubble gums | <input type="checkbox"/> |
| vi) | Use a dental floss to clean between two teeth | <input type="checkbox"/> |

12. Why are we advised to brush our teeth before going to bed?

- a) To keep the teeth shining
- b) To have a strong teeth
- c) To prevent bad smell
- d) To keep away from micro organism

13. Match the following :

P – Incisors	i – Tear the food
Q – Canines	ii – Grind the food
R – Premolars	iii – Cracking the food
S – Molars	iv – Cut the food

- a) P – iv; Q – ii; R – iii; S – i
- b) P – iv; Q – iii; R – ii; S – i
- c) P – iv; Q – i; R – ii; S – iii
- d) P – iii; Q – i; R – ii; S – iv

14. If you know that someone touches you in a way that makes you uncomfortable what would you not?

- a) Say No
- b) Keep Silent
- c) Tell an adult you trust
- d) Go away

15. If an old man living nearby your house called a girl and asked her to sit on his lap and tried to behave differently with that girl. What you should not do in this situation?

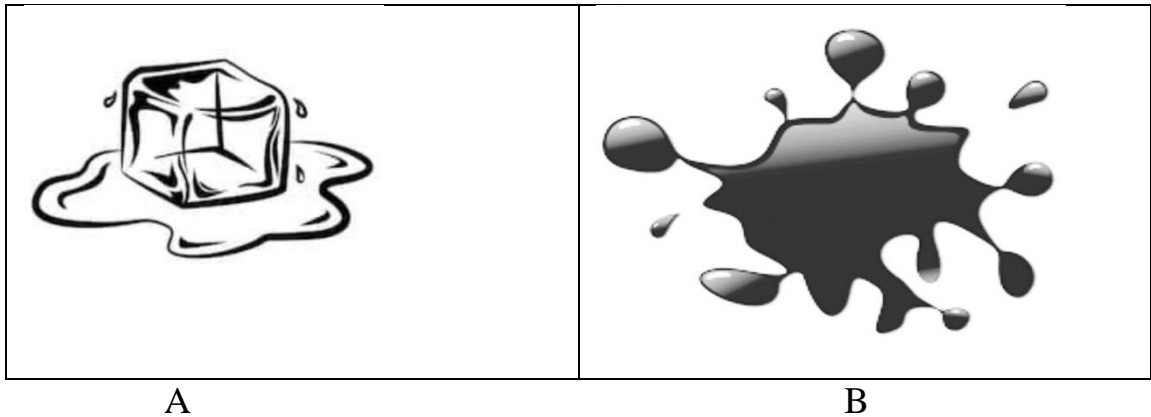
- a) I will report it to my parents
- b) I will report it to her parents
- c) I will tell that old man not to indulge in such act
- d) I will move away silently

Answers : UNIT – 4 : MY BODY					
1	i) True ii) False	6	i) ✓ ii) ✗ iii) ✓ iv) ✓ v) ✗	11	i) ✓ ii) ✗ iii) ✗ iv) ✓ v) ✗ vi) ✓
2	d	7	Bad foods : Chocolates, Lollipop, Biscuits, Cakes, Ice cream, Pizza, Bubble gum	12	d
3	Heart	8	Intake of vegetables and fruits Regular exercises, Avoid Junk foods	13	c
4	c	9	Gas exchange	14	d
5	Brain, Kidney, Heart, Lungs, Stomach, Bones, muscles	10	-----	15	d

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UNIT 5 : Water

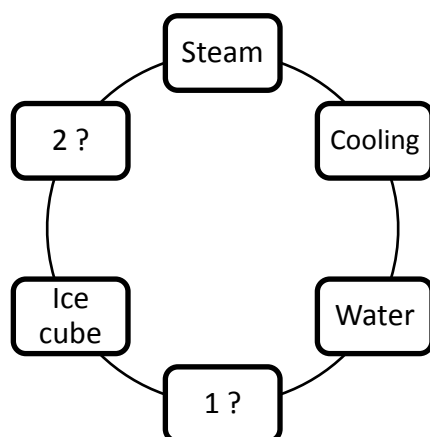
1. Which is storing the water for long period ?
 - a) River
 - b) Ocean
 - c) Pond
 - d) Lake
2. From the below picture 'A' is converted into 'B' due to ----- ?



- a) Cooling
 - b) Super cooling
 - c) Heat
 - d) Salinity
3. Which is of the following shows higher in temperature?
 - a) Ice
 - b) Water
 - c) Steam

Answer : -----

4. Complete the water cycle:



- a) 1-cooling , 2- cooling
- b) 1- heating, 2- heating
- c) 1-heating , 2- cooling
- d) 1- cooling, 2- heating

5. The following symbol denotes ----- .



- a) Save rain water
- b) Save tree
- c) Save animals
- d) Save air

6. Match the following.

- | | |
|---|-------------------|
| i) Solid water | – A) Steam |
| ii) Liquid water | – B) Water vapour |
| iii) Gaseous water | – C) Cool drinks |
| iv) Gaseous water with higher temperature | – D) Ice cream |

- a) i-B, ii-C, iii-A, iv-D
- b) i-D, ii-C, iii-B, iv-A
- c) i-A, ii-B, iii-C, iv-D
- d) i-C, ii-D, iii-A, iv-B

7. Select odd one out.



Cup ice



Stick ice



Juice



Kulfi ice

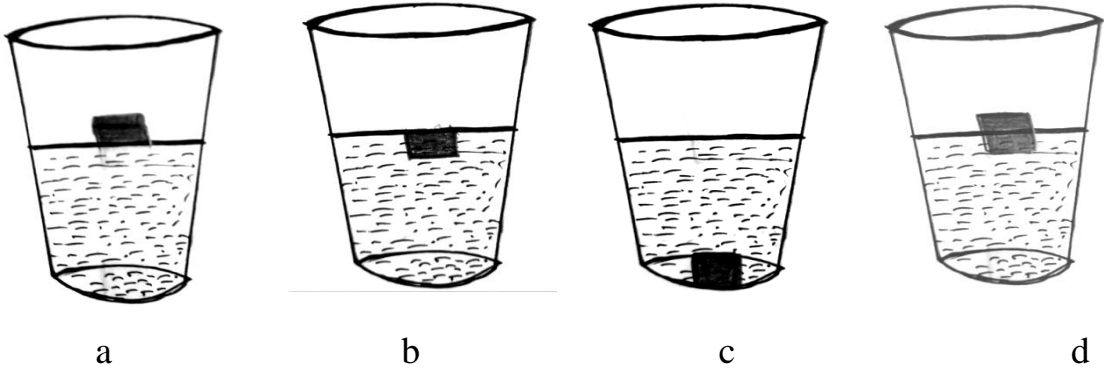
- a) 3
- b) 1
- c) 4
- d) 2

8. What is the reason for ice cubes floating on water?



- a) Density of ice cubes is lesser than the water
- b) Density of ice cubes is greater than the water
- c) Density of ice cubes is equal to the water
- d) Density of water is lesser than ice cubes

9. If ice cube is added to water, What will be the position of the ice cube in water?

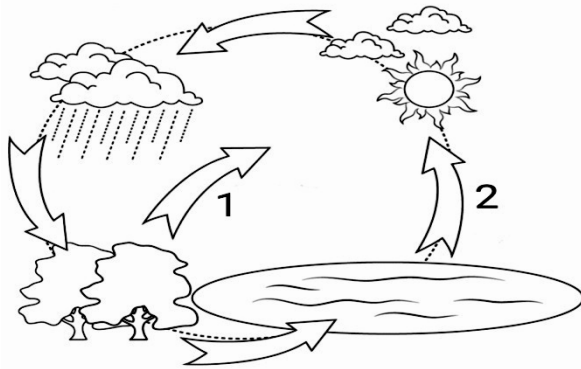


10. The below picture expresses ----- ?



- a) Cyclone
 - b) Droughtness
 - c) Flood
 - d) Earthquake
11. Choose the best economic method of watering to the plants:
- a) Sprinkler irrigation
 - b) Surface irrigation
 - c) Drip irrigation
 - d) Manual irrigation

12. From the water cycle picture, 1 and 2 denote ----- and ----- .



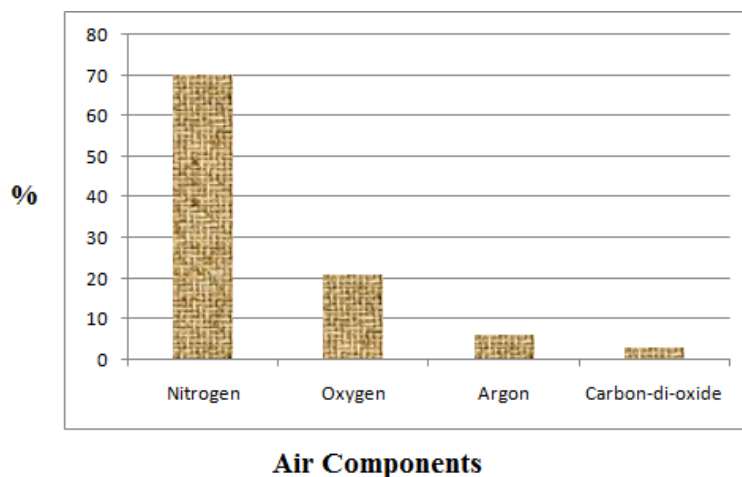
- a) 1-Evaporation, 2-Respiration
 - b) 1- Evaporation, 2-Transpiration
 - c) 1- Respiration, 2- Evaporation
 - d) 1- Transpiration, 2- Evaporation
13. Importance of constructing rain water harvesting system at our homes:
- a) Increasing ground water level
 - b) Purposeless collection of water
 - c) Increasing water scarcity
 - d) Increasing the rate of rainfall
14. Condensation : ice cube
_____ : water
- a) Evaporation
 - b) diffusion
 - c) Melting
 - d) Precipitation
15. The water cycle is extremely important process, because it regulates weather patterns in the earth. Say TRUE / FALSE :

Answer : _____

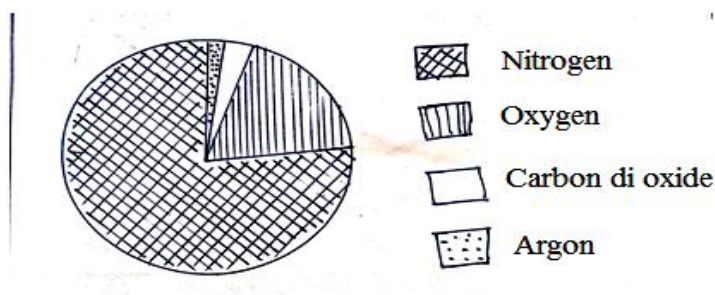
Answers : 5. Water					
1.	b	6.	b	11.	c
2.	c	7.	a	12.	d
3.	c	8.	a	13.	a
4.	d	9.	a	14.	d
5.	a	10.	b	15.	True

Unit: 6. AIR

1. From the graph interpret the percentage of oxygen present in air.

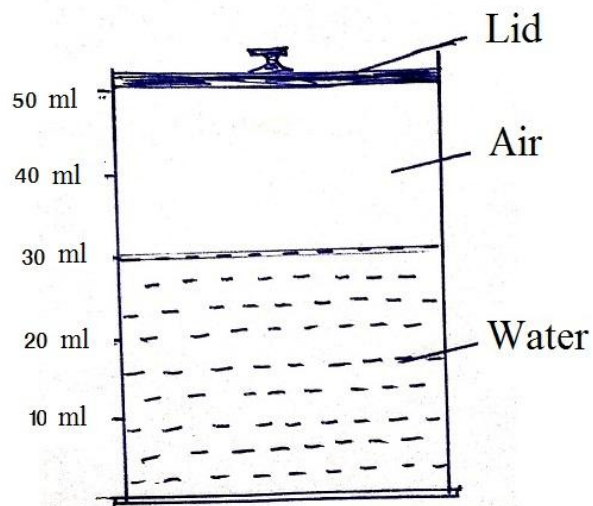


- a) 78%
- b) 21%
- c) 1%
- d) 10%
2. Find out the wrong statement
- a) Oxygen is not needed for breathing
- b) Oxygen is needed for burning
- c) Oxygen is needed for breathing
- d) Air has more nitrogen in it
3. If the pie chart represents the composition of air. Which gas is more abundant in it?



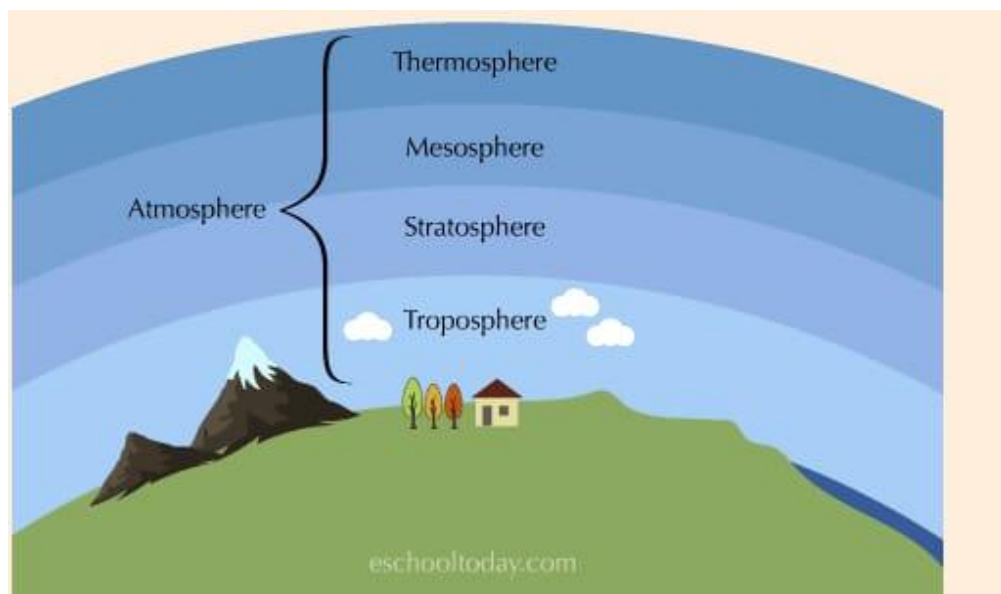
- a) Oxygen
- b) Argon
- c) Carbon-di-oxide
- d) Nitrogen

4. Look at the picture. Find out the quantity of air.



- a) 20 ml
- b) 30 ml
- c) 40 ml
- d) 50 ml

5. Which is the second layer of Atmosphere?



- a) Thermosphere
- b) Troposphere
- c) Stratosphere
- d) Mesosphere

6.



Which gas is required for burning?

- a) Carbon-di-oxide
 - b) Oxygen
 - c) Nitrogen
 - d) Hydrogen
7. Why do traffic police wear mask ?
- a) Avoid talking
 - b) Filter the dust particle
 - c) Traffic uniform
 - d) Avoid distraction
8. Which one of the following statement is not true?
- a) Air has mass
 - b) Air made up of many substances
 - c) Air contains water vapour
 - d) Air is made up of one substance only

9. Choose the correct answer and fill in the blanks.

(Oxygen, Carbon di oxide, Helium)

1. _____ gas used to fill fire extinguishers.
2. _____ gas used in soft drinks.
3. _____ gas used in air balloons.

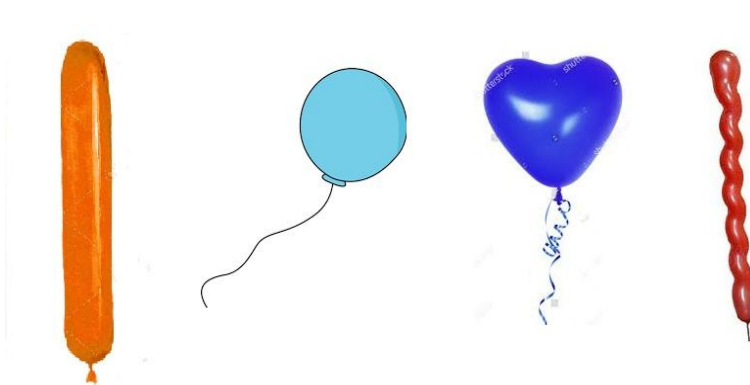
10. Find out the percentage of gases in air in the descending order.

- a) nitrogen > carbon dioxide > oxygen
- b) carbon dioxide > oxygen > nitrogen
- c) nitrogen > oxygen > carbon dioxide
- d) oxygen > nitrogen > carbon

11. Select the picture which is **not** rich in oxygen?

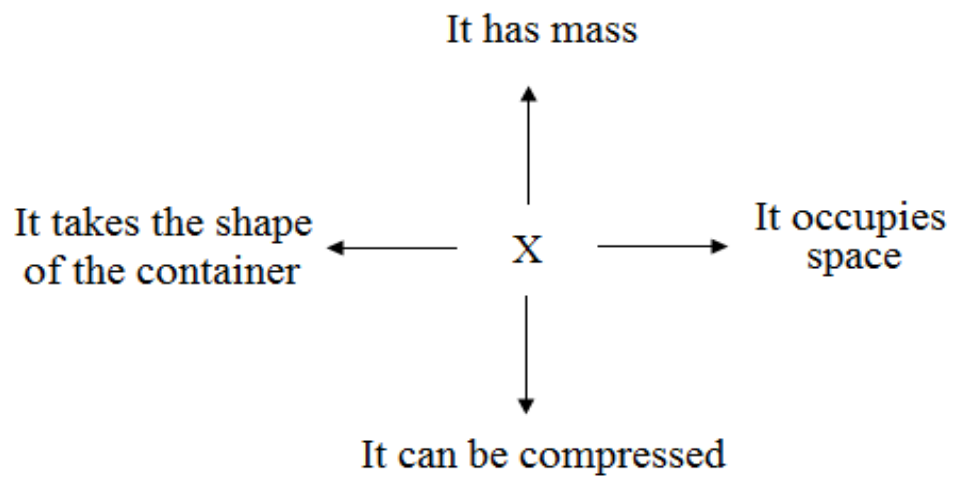


12. What property of air can be proved from the given figures?



- a) Air has no weight
- b) Air occupies space
- c) Air has no mass
- d) Air has colour

13. Identify “X”



X is _____.

- a) Card board
- b) Air
- c) Stone
- d) Wood

14.



It is used to dry wet hair because it,

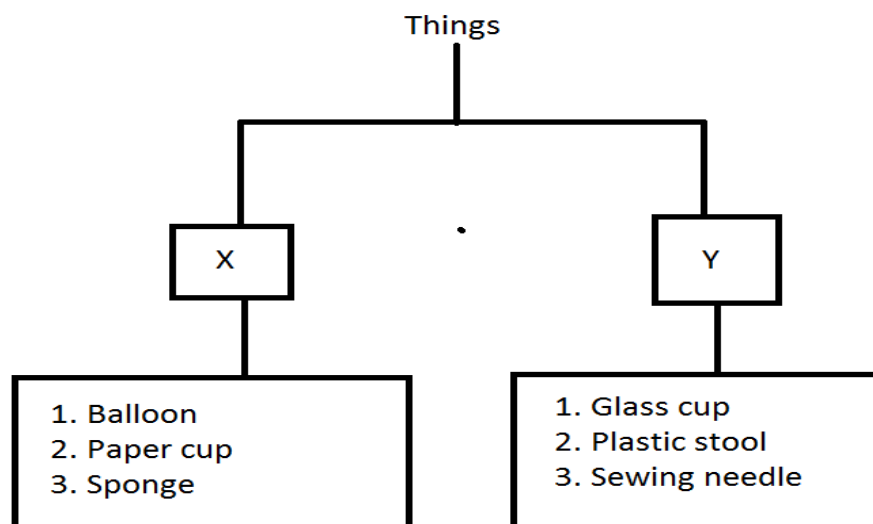
- a) blows oil
- b) blows perfume
- c) blows hot air
- d) blows hot water

15. Fill in the blank

- a) A fast moving wind is called _____ (breeze / storm).
- b) Layer of air surrounding the earth is called _____
(atmosphere / space)

Answers : 6. AIR					
1.	b	6.	b	11.	d
2.	a	7.	b	12.	b
3.	d	8.	d	13.	b
4.	a	9.	1) Carbon di oxide 2) Carbon di oxide 3) Helium	14.	c
5.	b	10.	c	15.	a) storm, b) atmosphere

UNIT : 7. MATTER AND MATERIALS



X and Y are grouped as -----

- a) Transparent and opaque materials
 - b) Water absorbers and water proof materials
 - c) Soft and hard materials
 - d) Recyclable and non-recyclable materials
2. Of the following which is rigid?
- a) Glass
 - b) Foam
 - c) Rubber
 - d) Sponge
3. Which can reflect light well?
- a) Iron utensil
 - b) New stainless steel spoon
 - c) Copper plate
 - d) Aluminium foil

4. Arrange the objects in the following order : Transparent, Translucent and Opaque
- Pair of spectacles, frosted glass and wood
 - Wood, butter paper and mirror
 - Water, clay and wood
 - Oiled paper, water and candle
5. Match :

A. Medicine cover	1. Leather
B. Cot	2. Aluminium foil
C. Candle	3. Rubber
D. Belt	4. wood
E. Eraser	5. Wax

- 4, 5, 1, 2, 3
 - 2, 1, 4, 5, 3
 - 5, 4, 2, 3, 1
 - 2, 4, 5, 1, 3
6. The most suitable material to make a water proof jacket is that it should be_____
- Shiny, strong, transparent
 - Flexible, light in weight, water proof
 - Water absorber, strong, shiny
 - Plastic, flexible, water absorber
7. Of the following which is **not** a matter?
- Candle light
 - Wooden table
 - Plastic bottle
 - Golden bangle

8. Which gives a clear reflection of yourself when you look at?
- A piece of aluminium foil
 - A polished metal plate
 - A piece of stained glass
 - small pieces of shattered glass
9. Identify the **incorrect** statement of the property of matter.
- It has mass
 - It has weight
 - It cannot be seen
 - It occupies space
10. When a ray of light is allowed to pass through Water ,Sand ,Oil , Ice cubes it will be partially visible in



(1) Water



(2) Sand







(3) Oil



(4) Ice cubes

- 1
- 2
- 3
- 4

11. Which is made up of a single material?

			
1.Umbrella	2.Hand kerchief	3. Pair of spectacles	4. Pressure cooker

- a) 1
 - b) 2
 - c) 3
 - d) 4
12. Ram placed sprouted seeds in a cup near a window in the kitchen. If the seeds have to germinate, the window must be-----
- a) Transparent
 - b) Opaque
 - c) Translucent
 - d) Incandescent
13. The material that can be compressed more is -----
- a) Components of air
 - b) Metal rod
 - c) Copper coin
 - d) Orange juice
14. Whose statements are true?
- Banu : Shadow is formed when light falls on opaque objects.
- Palani : Shadow is not formed when light falls on translucent objects.
- Chitra : Shadow is not formed when light falls on transparent objects.
- Mani : Shadow is formed when light falls on transparent objects.
- a) Banu and Palani
 - b) Palani and Mani
 - c) Banu and Chitra
 - d) Chitra and Mani

15. Medicine bottles are brown in colour .Why ?






- a) To attract
- b) To keep cool
- c) To prevent light
- d) To hide the colour of medicine

Answers : UNIT : 7. MATTER AND MATERIALS					
1.	c	6.	b	11.	b
2.	a	7.	a	12.	a
3.	b	8.	b	13.	a
4.	a	9.	c	14.	c
5.	d	10.	c	15.	b

CLASS
4
SCIENCE

UNIT 8 : FORCE, WORK AND ENERGY

1. Look at the picture and read the statement. Write Work done or No work done.

S.NO	STATEMENT	FIGURE	WORK DONE or NO WORK DONE.
1.	Taking a bag of grocery.		
2	Kicking a football		
3	Hitting a ball		
4	Pulling a chair		
5	Pushing a wall		

2. Match the following:

S.No	Column A	Column B
a	A screw	1. A device to split the objects easily.
b	A wheel and axle	2. A metal bar that functions around a fixed point.
c	A pulley	3. A flat surface one end higher than the other.
d	A wedge	4. A machine that rolls its load
e	A lever	5. A device to lift heavy loads.
f	An inclined plane	6. Thread wrapped around a cylinder






3. Read the statements carefully and choose the correct option.

Statement A : We get energy from food we eat.

Statement B : We need energy to do work

- a) Statement A is correct and B is wrong,
- b) Statement B is correct and A is wrong.
- c) Both the statements are correct.
- d) Both the statements are wrong.

4 From the picture and statement find the name of the activity:

PICTURE	STATEMENT	PUSH / PULL
	<p>“ Tug of War”</p>	
	<p>Climbing up with a rope,</p>	
	<p>Rubbing with an eraser on a paper</p>	
	<p>Using a trolley bag</p>	
	<p>Painting a wall with a brush</p>	

5. Pick the odd one out.

- a) Inclined plane - Knife
- b) Pulley - Crane
- c) Wedge - Axe
- d) Screw –Bottle lid

6. Which of the following is an example for kinetic energy?

- a) A train on the platform
- b) A bus in the stand
- c) A moving car
- d) Water stored in an over head tank

7. Which of the following is an example of pulley?

- a) Wheel and axle
- b) Crane
- c) Knife
- d) Wrenches









8. Sudha made the table below for her science report. She needs to select a title to the topic below

Title :	
Type	Description
First	Fulcrum is in the middle
Second	Load is in the middle
Third	Effort is in the middle

Which is the best title for Sudha's table?

- a. Load and Fulcrum
- b. Three types of lever
- c. The six simple machines
- d. Load and Effort

9. Circle the correct answer in column 3

S. No	FUNCTION	SIMPLE MACHINE	ANSWER
1	Broom to clean the house		Lever / Screw / Pulley
2	Object to join two boards		Wedge /Screw / Wheel and Axle
3	Lift a bucket of water from a well		Lever / Pulley / Screw
4	Handles of the wheelbarrow		Lever / Wedge / Wheel and Axle
5	Staircase		Lever / Inclined Plane / Wheel and Axle
6	Twist the cap to open the bottle of milk can		Lever /Wedge /Screw
7	Teeth of a zipper		Lever / Pulley / Wedge
8	Base of the bulb		Screw / Pulley / Wedge

10. Take three jars that have three different lids that are screwed on. Each lid is of the same size. Each lid has a different thread distance. The table shows the number of times each lid must be fully turned to close the lid completely.

Jar	Turns
Jar A	5
Jar B	3
Jar C	7

Which jar lid has the most widely spaced threads?







- a) Jar A b) Jar B c) Jar C d) None
11. Gravity - Downward force : _____ - Upward force.




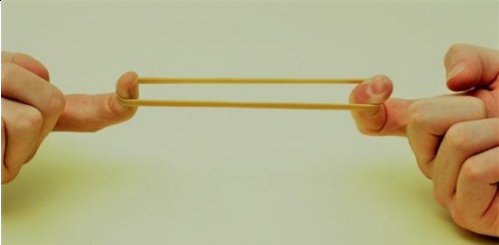
- a) Elastic force
- b) Magnetic force
- c) Buoyant force
- d) Frictional force
- 12 Choose the **incorrect** option
- a) Car tyre - Road - Frictional force
- b) Iron - Magnet - Magnetic force
- c) Water-Floating boats - Buoyant force
- d) Air – Balloon – Elastic force

13.Match the following

List I		List II	
A	Wheel and axle	1	Bike ramps
B	Pulley	2	Knife
C	Inclined plane	3	Roller skates
D	Wedge	4	Cranes

14. Match the type of energy .

S.NO	PICTURES		TYPES OF ENERGY
1		a	Electrical energy
2		b	Elastic potential energy
3		c	Nuclear energy
4		d	Chemical energy
5		e	Strain energy
6		f	Gravitational potential energy

7		g	Sound energy
8		h	Kinetic energy
9		i	Heat energy
10		j	Light energy

15 Form of energy that can be obtained from the sun is _____.

I. Light

II. Heat

III. Sound

- a) only I and II
- b) only II and III
- c) only I and III
- d) I,II and III

Answers : UNIT 8 : FORCE, WORK AND ENERGY	
1	a, b, c, d - WORK DONE ; e - NO WORK DONE
2	a-6, b-4, c-5, d-1, e-2, f-3
3	c
4	Push : 1,2,4; Pull: 3
5	a
6	c
7	b
8	b
9	a, b, b, c, b, c,c, a
10	b
11	c
12	d
13	3, 4, 1, 2
14	1-h, 2-i, 3-a, 4-b, 5-j, 6-c, 7-f, 8-g, 9-d, 10-e
15	a

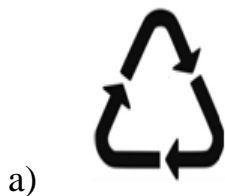
CLASS

4

UNIT 9 : Our Environment

SCIENCE

1. Reduce- Reuse – Recycle concept can apply in the following set of materials.
 - a) Wood and coal
 - b) Water and plastic
 - c) Coal and petroleum
 - d) Plastic and sand
2. Find the correct symbol to the concept of Reduce- Reuse – Recycle



3. Match the following:
 - i. Waste of vegetables - a) Reuse
 - ii. Plastic bag - b) Bio degradable
 - iii. Mirror - c) Recycle
 - iv. Water - d) Non-Biodegradable
 - a) i-d, ii-c, iii-a, iv-b
 - b) i-c, ii-a, iii-b, iv-d
 - c) i-b, ii-d, iii-a, iv-c
 - d) i-a, ii-b, iii-c, iv-d

4. Find non-eco friendly goods from the list:

Goods				Answer
Key board	Paper	Plastic spoon	Candle	1.
Coir rope	Dead leaves	Coconut oil	Plastic bag	2.
Mirror	Cloth cap	Hairs	Electronic waste	3.
Clay pot	Castor seed	Rose flower	Egg shell	4.
				5.
				6.
				7.
				8.

5. Put a (✓) mark on the following materials which can be reused.

1	Glass Bottle	2	Eraser Rubber	3	News paper	4	Egg shell
	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
5	Vegetable waste	6	Syringe needle	7	Towels	8	plastic bags
	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		9	photographic film	10	Mirror		
			<input type="checkbox"/>		<input type="checkbox"/>		

6. Reason for bio- degradable materials

- a) Materials can be degraded by dog
- b) Materials can be degraded by bird
- c) Materials can be degraded by microbes
- d) Materials can be degraded by elephant

7. Find 3R strategy from these scrambled words.

S		E		R		U		E	
				D					
				U					
Y	E	R	C	L	E	C			
				E					
				E					

Answer:

1.

2.

3.

8. Select the eco-friendly vehicle for transport.

- a) Car
- b) Auto rickshaw
- c) Bike
- d) Bicycle

9. Find the waste materials that they never pollute the environment.

- a) 10 kg of litter
- b) 10 kg of dye
- c) 10 kg of broken DVD
- d) 10 kg of plastic

10. In your life, where do you apply 'Reduce' concept

- a) while reading a newspaper
- b) while eating food
- c) while riding a bicycle
- d) while using electricity

11. Increasing the usage of automobiles leads to _____ .

- a) water pollution
- b) noise pollution
- c) air pollution
- d) soil pollution

12. Find the materials which are going to degrade with in a month.

- 1. Onion peel
- 2. Mirror pieces
- 3. Orange seeds
- 4. Egg shell
- 5. Rubber band

Answer:-----

- 1.
- 2.
- 3.

13. Find out the material which is recently banned by the Tamilnadu Government.



14. Conservation of environment means to -----

- a) conserve plants only
- b) conserve animals only
- c) conserve abiotic only
- d) conserve both biotic and abiotic

15. The State bird of Tamilnadu is -----

- a) Crow
- b) Peacock
- c) Emerald dove
- d) Sparrow

Answers : 9 : Our Environment					
1.	b	6.	c	11.	c
2.	a	7.	1. Reduse 2. Reuse 3. Recycle	12.	-
3.	c	8.	d	13.	c
4.	-	9.	a	14.	d
5.	-	10.	d	15.	c

CLASS**4****SCIENCE****Unit: 10. Science in Everyday Life**

1. Arrange the steps of preparing a biscuit in a correct sequence

I. Mixing of raw materials.

II. Baking.

III. Moulding.

IV. Packing.

- a) II, III,I,IV
- b) I, II, III,IV
- c) I, III,II,IV
- d) III, I, II,IV

2. What makes cake light and fluffy

- a) Egg
- b) Sugar
- c) Salt
- d) Milk

3. The type of milk which is suitable for kids

- a) Soya milk
- b) Almond milk
- c) Condensed milk
- d) Cow's milk

4. Match the following

I	Building bones	A	Carbohydrate
II	Energy to body	B	Vitamin - A
III	Maintain blood Pressure	C	Protein
IV	Vision	D	Calcium
V	Body growth	E	Potassium

- a) I-E, II-D, III-B, IV-A, V-C
- b) I-D, II-A, III-E, IV-B, V-C
- c) I-A, II-B, III-C, IV-D, V-E
- d) I-D, II-A, III-C, IV-B, V-E

5. Classify the following:

[Egg, Meat, Cheese, Fish, Curd, Grains, Milk, Rice, Cereal]

- a) Milk Products:. _____
- b) Plant Products:. _____
- c) Animal Products:. _____

6. Which pair is wrongly matched?

- a) Baking Process - Ice cream
- b) Steaming process - Rice
- c) Grilling Process - Chicken
- d) Deep frying - Vadai

7. Toddlers are given _____ food

- a) Fried food
- b) Roasted food
- c) Baked food
- d) Steamed food

8. Write down the correct food making process by the following pictures

a)



b)



c)



d)



9. Chandra's mother cooks Pulses in the water in which they have been soaked in order to

- a) retain the nutrients
- b) enhance the flavour
- c) ease the cooking
- d) Retain the colour of the pulses

10. Match the following

1	Cow and goat	A	Poultry
2	Vegetables and grains	B	Dairy
3	Cake and Biscuit	C	Field
4	Chicken and Turkey	D	Bakery

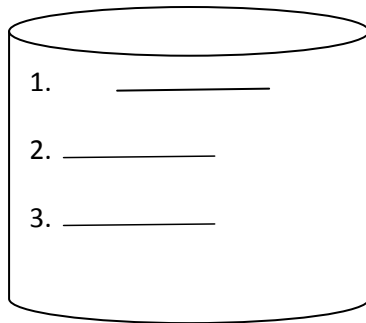
- a) 1-B, 2-D, 3-C, 4-A
- b) 1-C, 2-A, 3-D, 4-B
- c) 1-B, 2-C, 3-D, 4-A
- d) 1-B, 2-D, 3-A, 4-C

11. Follow the Sequence I and fill the blanks in sequence II

I. Lemon juice → Water + Lemon + Sugar

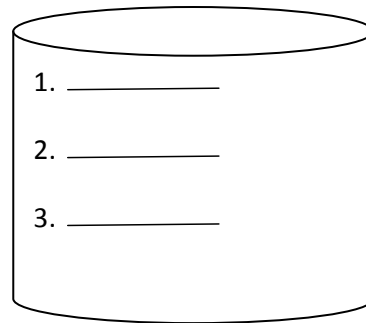
II. Coffee → + +

12. Fill in the baskets with proper materials
(ice cream, chips, pizza, curd, cheese, burger)



1. _____
2. _____
3. _____

Basket –I
Milk Food



1. _____
2. _____
3. _____

Basket-II
Junk Food

13. Boiling the milk is to
- a) Improve taste
 - b) Give energy to bacteria
 - c) Kill germs
 - d) turns to curd
14. Which Process does not make food to loss its nutrients?
- a) Frying
 - b) Baking
 - c) Grilling
 - d) Steaming
15. Circle the vegetables which can be eaten raw
[Brinjal, carrot, Potato, Cucumber, Bottle guard, Cabbage, Bitter guard,
Ladiesfinger, Tomato]

Answers : 10. Science in Everyday Life					
1.	c	6.	a	11	milk + coffee powder+ sugar
2.	a	7.	d	12	a) Ice cream, Curd, Cheese . b) Chips, Pizza, Bugar
3.	d	8.	a) Grilling b) Baking c) Frying d) Steam boiling	13	c .
4.	b	9.	a	14	d
5.	a) Milk, Curd, Cheese b) Grains, Rice, Cereal c) Egg, Meat, Fish	10.	c	15	carrot, cucumber, ladies finger, Cabbage .