

## Chapter 4

### Science in Everyday Life

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#### I. Say whether the following statements are true or False:

**Question 1.**

When we boil water, bacteria are destroyed.

**Answer:**

True

**Question 2.**

Idli is cooked by the process called steaming.

**Answer:**

True

**Question 3.**

Thermometer is used to measure pressure.

**Answer:**

False

**Question 4.**

Refrigerator helps to keep things cold.

**Answer:**

True

**Question 5.**

Garlic relieves hiccups and nausea.

**Answer:**

False

**Question 6.**

Boiling point of water is 100°C.

**Answer:**

True

#### II. Circle the name of the things from which idli is made:

Rice	Groundnut	Chilli	Black gram	Red gram
Water	Salt	Pepper	Sugar	Fenugreek

Answer:

Rice	Groundnut	Chilli	Black gram	Red gram
Water	Salt	Pepper	Sugar	Fenugreek

### III. Match the home appliances and their functions:



Makes coffee

Preserves vegetables

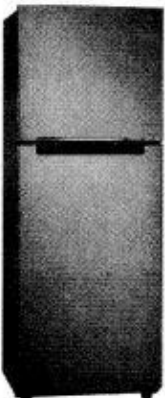
Boils water

Makes batter of food grains

Cooks faster



Answer:



Makes coffee

Preserves vegetables

Boils water

Makes batter of food grains

cooks faster



#### IV. Which of these are safe to do at home? Put (✓) or cross (X) in the box

**Question 1.**

Touching electrical appliances

**Answer:**

X

**Question 2.**

Playing with sharp objects

**Answer:**

X

**Question 3.**

Playing in kitchen

**Answer:**

X

**Question 4.**

Keep safe distance from the gas stove and cylinder

**Answer:**

✓

#### V. Answer in a word or sentence:

**Question 1.**

How do you store fruits and vegetables for a longer period?

**Answer:**

We store fruits and vegetables for a longer time by preserving them in a refrigerator.

**Question 2.**

Name the instrument used to measure temperature.

**Answer:**

Thermometer is used to measure temperature.

**Question 3.**

How is idli prepared?

**Answer:**

Idli is a natural fermentation process. It is prepared by steaming of fermented batter prepared from soaked rice and black gram dal.

**Question 4.**

What is the use of black pepper?

**Answer:**

Black pepper is a great remedy for cold and cough.

**Question 5.**

Which kitchen medicine is called the poor man's antibiotic?

**Answer:**

Garlic is called the poor man's antibiotic.

## **VI. Answer the following:**

**Question 1.**

Write the uses of boiled water.

**Answer:**

Uses of boiled water:

- Destroys germs.
- Healthier digestion.
- Prevents us from the infection of water borne diseases.

**Question 2.**

Write the advantages of pressure cooker.

**Answer:**

Advantages of pressure cooker:

- It cooks food much faster,
- It saves energy.
- It retains more nutrients,
- Preserves the appearance of food.

## **Let us Think (Text Book Page No. 126):**

**Question 1.**

The doctor advises patients to have idli or idiyappam. Can you guess why?

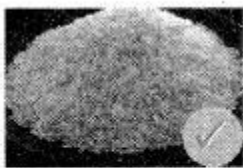
**Answer:**

- Idli or idiyappam is cooked by steaming.
- Steamed food is easily digested.

## **Tick (✓) the item which you see in your kitchen (Text Book Page No. 126):**



Answer:

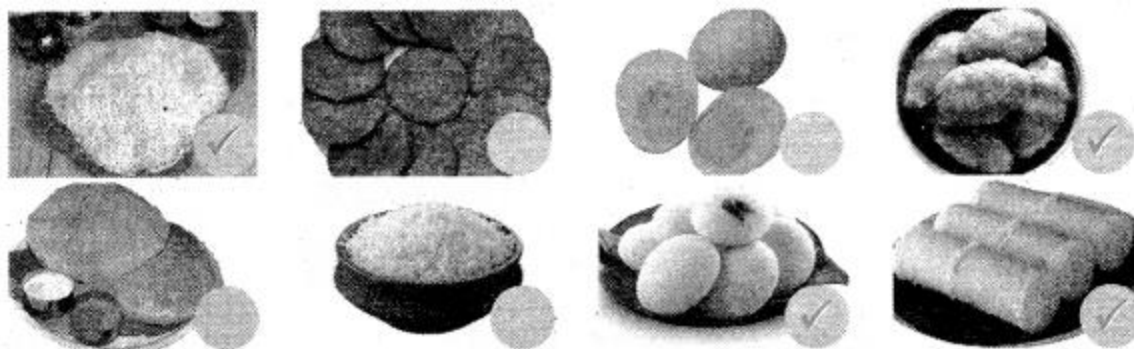


Tick (✓) the food item which are made by steaming (Text Book Page No. 126):



Answer:

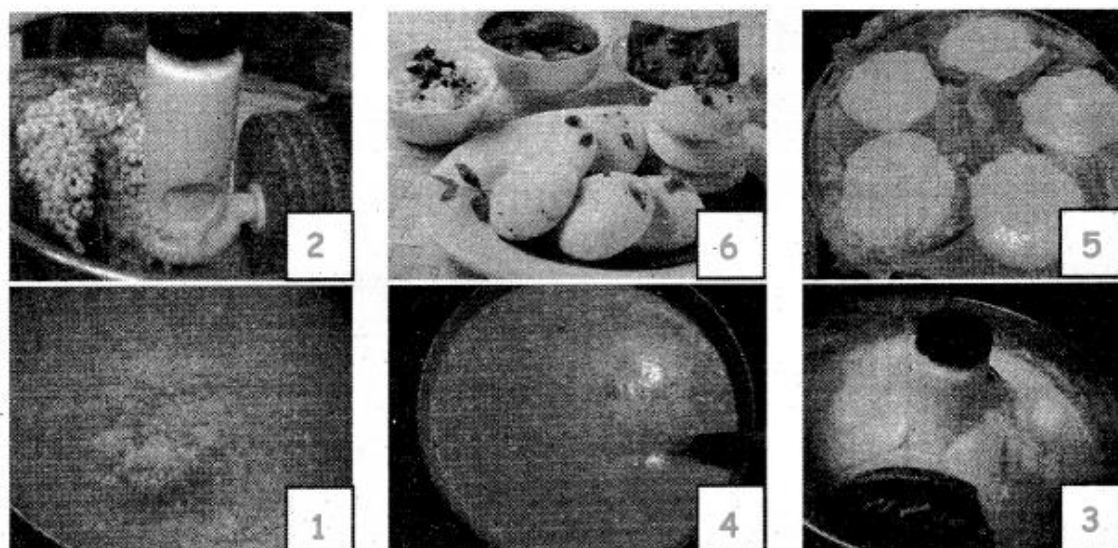




Arrange the pictures in correct order (Text Book Page No. 127):



Answer:



## Let us Discuss (Text Book Page No. 128):

### Question 1.

Which one takes less time to cook pulses?

- a. pressure cooker
- b. mud pot

**Answer:**

- a. Pressure cooker

### Question 2.

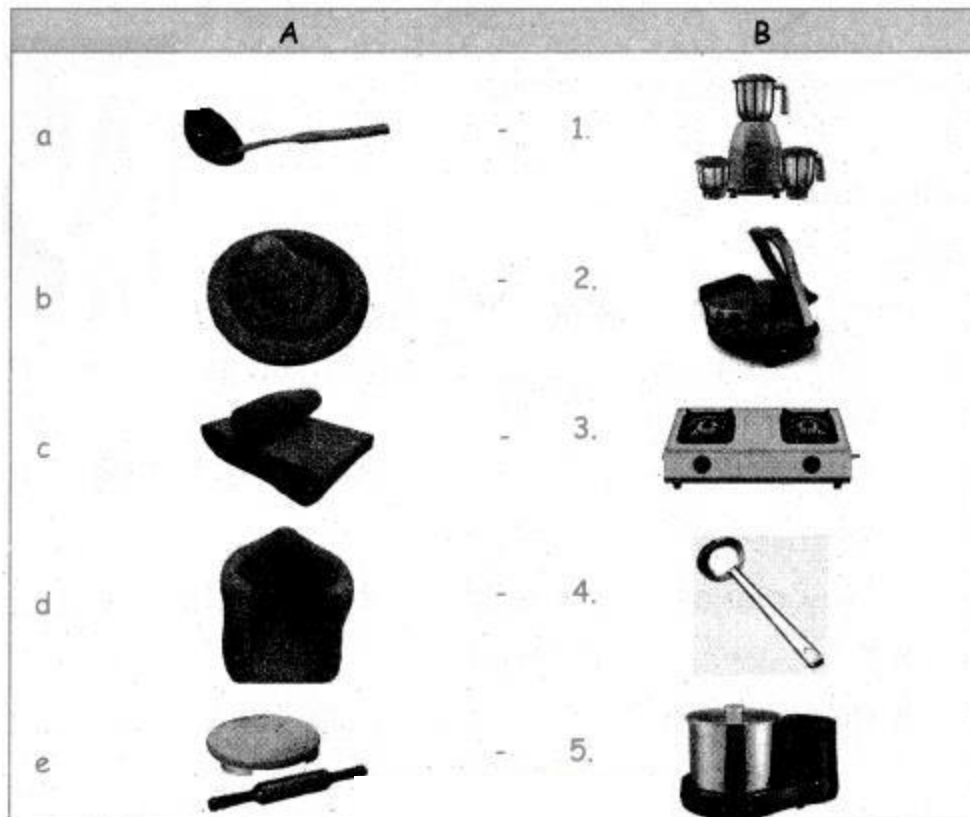
List out the food items prepared by pressure cooker Discuss with your friends.

**Answer:**

Pulses, Rice, Idli, Briyani.

## Match Column A and Column B (Text Book Page No. 129):

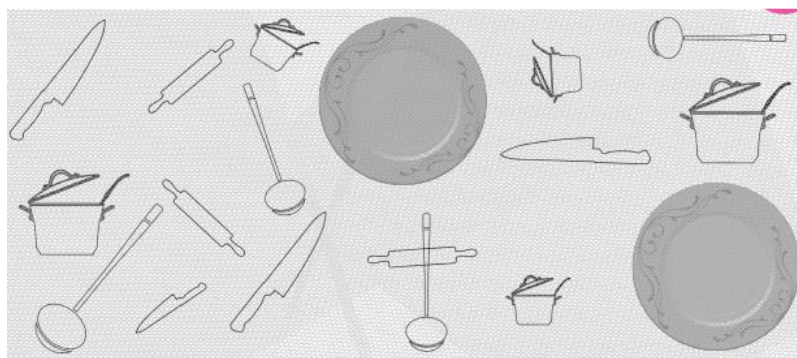
	A		B
a		-	
b		-	
c		-	
d		-	
e		-	



**Answer:**

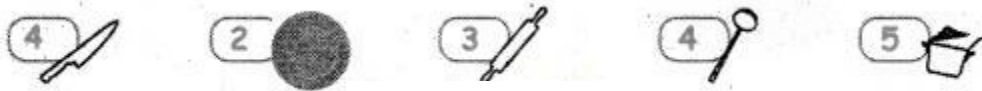
- a. (4)
- b. (5)
- c. (1)
- d. (3)
- e. (2)

**Count and colour the objects (Text Book Page No. 130):**





Answer:



What are your favourite food items? Do you know the ingredients of them? Do they have any medicinal If so, fill in the table. (Text Book Page No. 131):

My favourite food	
Ingredients	Medicinal value

Answer:

My favourite food : Pepper Rasam	
Ingredients	Medicinal value
Pepper	Pepper is a great remedy for cold and coughs
Ginger	Ginger helps to improve digestion.
Turmeric	Turmeric helps to anti-infectant

Real and Shadow (Text Book Page No. 132):



For what?

To learn how the shadows are formed.

How?

1. Make the classroom dark.
2. Light a candle.
3. Place a toy near the candle. What do you see?
4. Move the toy away from the candle. What do you see? Move the toy closer to the candle. What do you look at?
5. Experiment and see what happens to the shadow if the light source is dim?

Complete the sentence:

**Question 1.**

Moving the toy closer to the candle made its shadow \_\_\_\_\_.

**Answer:**

Short

**Question 2.**

While moving the object away made its shadow \_\_\_\_\_.

**Answer:**

Long

**Question 3.**

The big candle is bright and gives \_\_\_\_\_ shadow.

**Answer:**

dark, clear

**Question 4.**

The small is dim and gives \_\_\_\_\_ shadow.

**Answer:**

dim

**Lava in a cup (Text Book Page No. 132):**

What to do?



What happens when you (Text Book Page No. 133):

add oil to water?	
add colour to the mix?	
add salt to the mix?	

Answer:

add oil to water?	Oil floats in water.
add colour to the mix?	It becomes coloured.
add salt to the mix?	Coloured oil bubbles rises up and goes down.

First of all, the oil floats on the top of the water because it is lighter than the water. Since the salt is heavier than oil, it sinks down into the water and takes some oil with it, but when the salt dissolves, the oil goes up again. Is it not interesting?

Answer:

Yes, It is interesting.