

## Chapter 12 : Changing Times

### Find out and write

#### Question 1:

Talk to any one of your grandparents or any other elderly person. Find out, when she or he was eight-nine years old –

- (a) Where did she or he live? Name that place.
- (b) From what material was her or his house made?
- (c) Did they have a toilet in their house? If no, where was it?
- (d) In which part of the house was food cooked?
- (e) A lot of mud was used when Chetandas' house was made. Why?

#### Answer 1:

- (a) She lived in a village. The name of the place is Cheyyar.
- (b) Her house was made of materials like wood, thatched bamboo, mud and straw.
- (c) Yes, there is a toilet in their house.
- (d) Food was cooked in the verandah which was separated with a wall.
- (e) A lot of mud was used when Chetandas house was made to protect the house from heat and cold.

### A Changing House

#### Question 2:

Chetandas tells that people from the basti used to come to clean the toilets and take away the waste. They were not allowed to enter the house.

- (a) The people who used the toilets did not clean them. Discuss.
- (b) Is there a toilet in your house? Who cleans it?

#### Answer 2:

- (a) The people who used the toilets did not clean them as they thought that it was a dirty job. Therefore, people from basti had to clean the toilets and take the waste away.
- (b) Yes, there are toilets in my house. My entire family cleans them on a weekly basis and if need be then daily too.



## **Seeing New Things:**

### **Question 3:**

What material have been used in making your house?

#### **Answer 3:**

The materials that has been used in making my house are cement, bricks, concrete, sand, iron rod and wood.

### **Question 4:**

Find out the material from which your friend's house is made? Is there any difference? Write about it.

#### **Answer 4:**

My friend's house is also made up of materials like sand, cement, iron rods and bricks. No, there is no difference.

### **Question 5:**

What kind of house do you think Chetandas' grandchildren will live in?

#### **Answer 5:**

Chetandas's grandchildren will live in the skyscrapers that would be made up of cement and iron.

### **Question 6:**

Where would you like to live when you grow up? What kind of house would you like?

#### **Answer 6:**

I would like to live in a metropolitan city in a nice and spacious flat when I grow up.

### **Question 7:**

You had written about the things that your grandparent's house was made of. Has some of those material been used in your house? Name them.

#### **Answer 7:**

No, those kind of materials are not used in my house except doors and windows have been made of wood.



### Question 8:

People are given names according to the work they do. For example, a person who works with wood is called a carpenter.

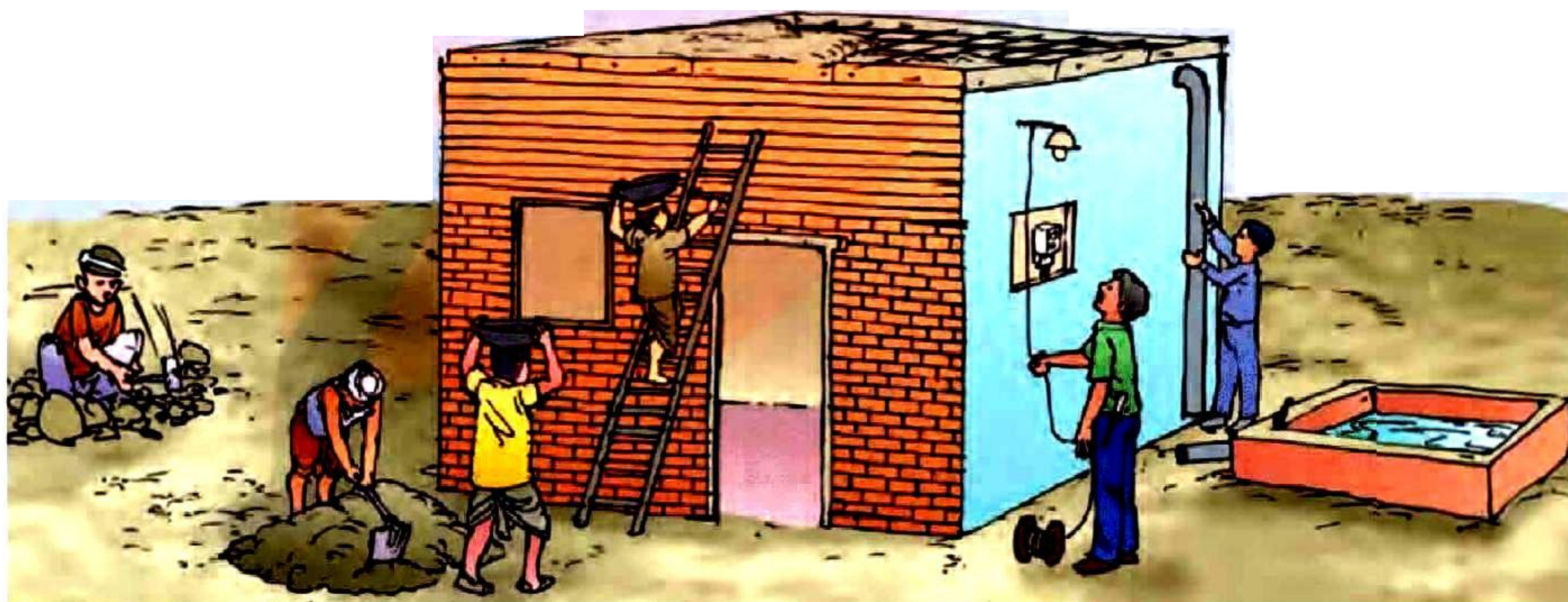
In your place, what do you call a person who works with wood?

### Answer 8:

In my place, a person who works with wood is called as a Badhai.

### Question 9:

Now, look at the picture and fill in the table.



What kind of work is being done by different people here? What tools are they using shown in the picture? Write them in the given table.

Work	Tool	What is the person called
1.		
2.		
3.		
4.		



### Answer 9:

Work	Tool	What is the person called
1. Mixing of sand and cement	Trowel, Hammer	Mason
2. Carrying bricks and other materials	Iron pans	Labourer
3. Fitting electrical wires and points	Drill machine, wires, screw driver	Electrician
4. Fixing taps and pipes	pipe cutter, Wrench	Plumber

### Question 10:

Do you know people who do these type of work? Talk to them and find out about their work. Discuss it with your friends.

### Answer 10:

Yes, I know people who work as electrician, mason and plumber. My father is the owner of an electrical shop and he has electricians working under him. I spoke to one of the electrician who told me how they have to work with electrical fittings and wires and it is risky too if they do not have proper knowledge.

I also talked to Ramdeen , the plumber who comes to my house to fix my water and tap problems. He is a very good person and is expert in his work.

### Question 11:

With your teacher or someone from home, go to a place where a building is being constructed. Talk to the people working there and find out answers to these questions.

- (a) What is being built there?
- (b) How many people are working there?



- (c) What kind of work are they doing?
- (d) How many men and women are there?
- (e) Are any children working there? What are they doing?
- (f) How much money do these people get paid daily? Ask from any three different people.
- (g) Where do these people live?
- (h) What are the material being used for making the building?
- (i) Try and guess how many trucks of bricks and bags of cement will be used for making the building.

### **Answer 11:**

- (a) A big mall was to be built there.
- (b) Approximately 500 people are working there.
- (c) Masons are responsible for pouring cement on lintels and roofs, engineers supervise the work and labourers carry materials. Other people are needed to operate cranes and other machines.
- (d) Approximately there were about 400 men and 100 women working there.
- (e) No, children are not working there.
- (f) Mason – Rs. 250/-  
Carpenter – Rs. 250/-  
Helper – Rs. 200/-  
Foreman – Rs. 400/-  
Crane operator – Rs. 500/-
- (g) These people live in the tents that are located near construction areas while others come from their own houses.
- (h) The materials being used for making the building are cement, wood, iron rods, sand, stone chips, bricks etc.
- (i) 5,000 trucks of bricks and 1,00,000 bags of cement will be used for making the building.



**Question 12:**

How do the material reach the building site? (By truck, handcart, any other vehicle) List them.

**Answer 12:**

The material used for reaching the building site are truck, handcart, tempo, trucks etc.

**Question 13:**

Find out the price of

- (a) One bag of cement \_\_\_\_\_
- (b) One brick \_\_\_\_\_
- (c) One truck of sand \_\_\_\_\_

**Answer 13:**

- (a) One bag of cement – ₹ 310/-
- (b) One brick – ₹ 8/-
- (c) One truck of sand – ₹ 5000/-

**Question 14:**

Ask a few other questions and write their answers.

**Answer 14:**

- (a) How much sand is mixed with cement?

Ans. Bags of sand is mixed with 1 bag of cement.

- (b) Who makes the map of buildings?

Ans. The people who make the map of buildings are the architects.





- (c) Why cranes are used at construction sites?

Ans. Cranes are used at construction sites to lift heavy objects.




### Question 15:

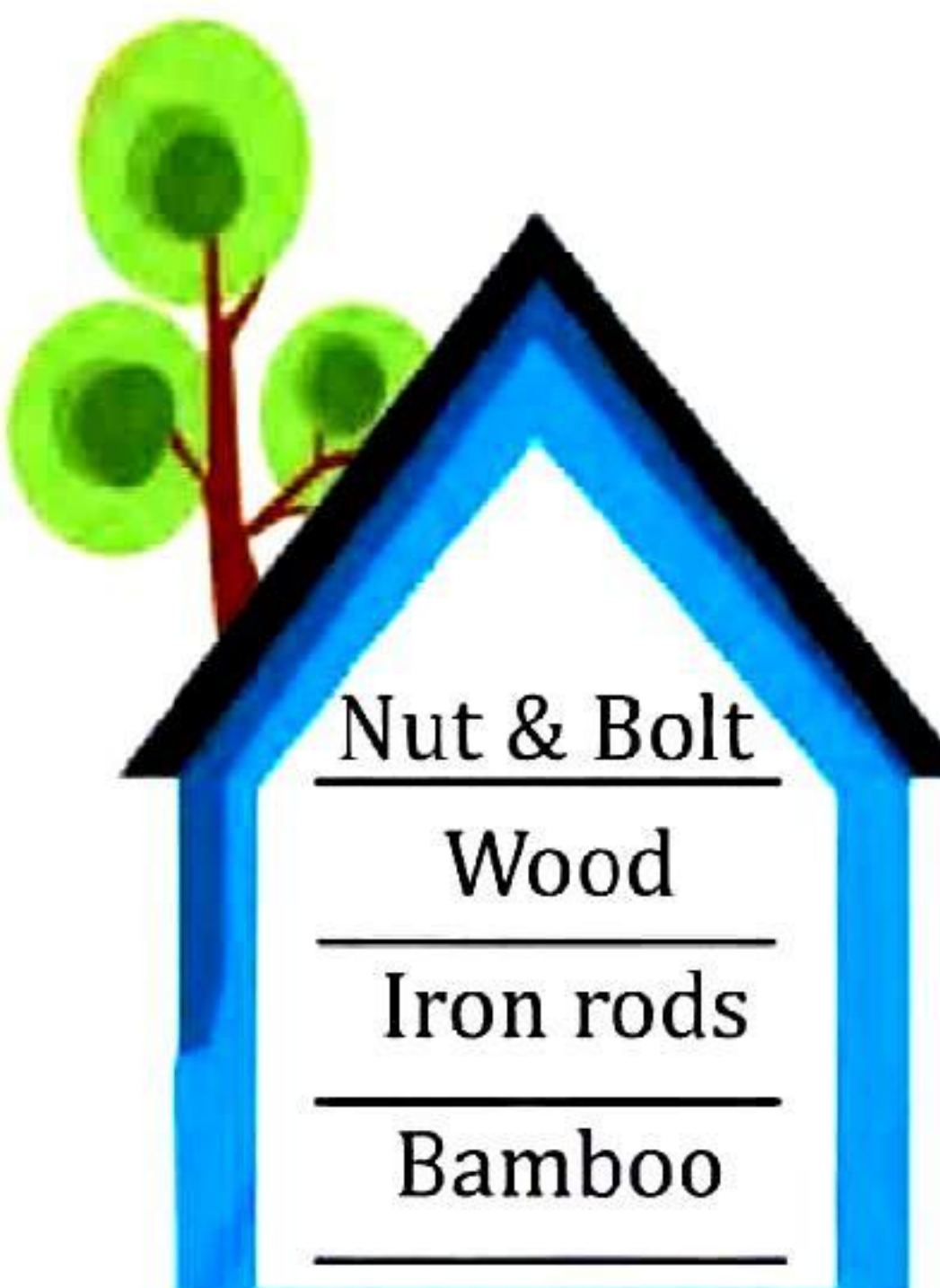
Over the sixty years, different materials were used at different times in Chetandas' house. List these in the correct order.

1  2  3  4 


### Answer 15:

1. 


Bamboo
Mud
Ropes
Strow

2. 

Nut & Bolt
Wood
Iron rods
Bamboo

3. 

Iron rods
Cement
Wood
Sand

4. 

Cement
Sand
Marbles
Plastics



## **Let us make houses**

### **Question 16:**

Divide the children in the class into 3-4 groups. Let each group make a model of a different house. For this you can use mud, wood, paper, pieces of cloth, shoe-boxes, match boxes and colours.

### **Answer 16:**

This is a group activity. Perform it with your friends

### **Question 17:**

Place all the houses so as to construct a neighbourhood colony.

### **Answer 17:**

This is an activity. Make a society by drawing or by model house.