

SESSION :2

CLASS :5

SUBJECT : SCIENCE

CHAPTER NUMBER:4

CHAPTER NAME :HOUSES ALL AROUND

SUBTOPIC : BUILDING MATERIALS AND BUDGET

CHANGING YOUR TOMORROW

LEARNING OBJECTIVE

To enable the learner:

- to identify the different types of building materials used in building different types of houses.
- to know the need of budget in building a house.
- to explain how building materials and budget affect in building up houses

WARM UP

1. Which roof is used by the people of hot regions for sleeping outdoors?
2. In which area are the houses built on stilts?
3. Houses in cold areas have _____ to keep the inside of the house warm.
4. _____ walls keep the inside of the house cool.

BUILDING MATERIALS

- Different types of houses need different type of building materials.
- Bricks and stones keep a house cool in hot weather.
- House in hilly areas are built of bamboo and wood.
- In the places which have frequent earthquakes, houses are mostly built of wood because if they collapse, there will be less damage.



- Kachcha houses (Huts) are made by using mud, bamboo, thatch and palm leaves.
- Concrete, glass, iron and bricks are needed to build pucca houses.

Concrete- it is building material which is made by mixing together cement, sand, small stones and water.



BUDGET

- Budget or the money available is the third factor which determines the size and design of a house.
- Less money is needed to build a small hut.
- On the other hand, lakhs of rupees are needed to build a permanent house.
- In big cities where there is a shortage of space, people build high-rise buildings (apartments).
- Sometimes they form cooperative housing society to save on space and money.



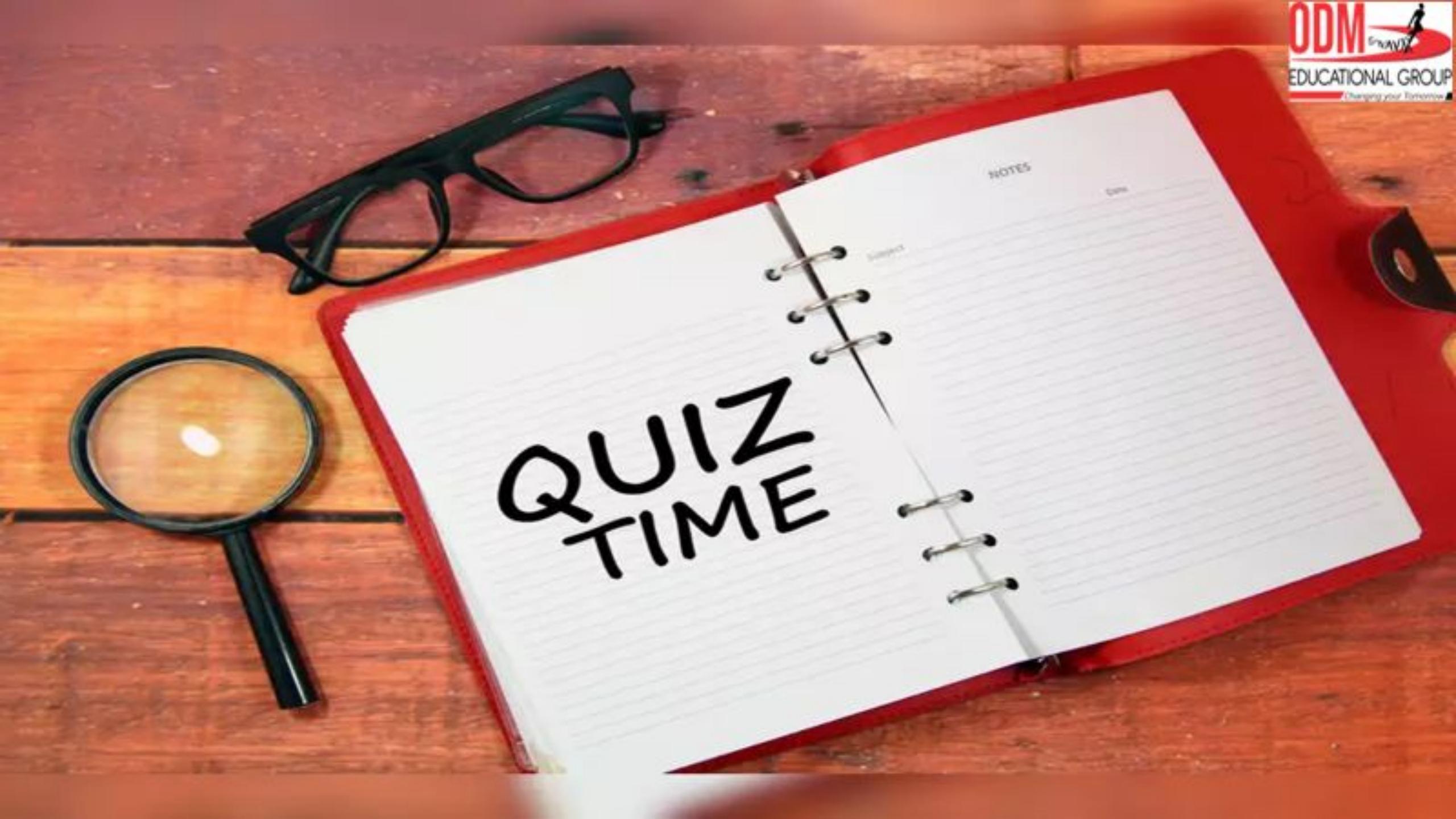
High-rise building



Cooperative housing society

SUMMARY

- Bricks and stones keep a house cold in hot weather.
- Houses in hilly areas are made up of wood and bamboo.
- In earthquake prone areas, houses are built of wood to lessen the damage.
- Kachcha houses are made up of mud, bamboo, thatch and palm leaves whereas concrete, glass, iron and bricks are needed for pucca houses.
- Budget is the third factor which determines the building up a house.
- Due to shortage of space, people build high-rise buildings and cooperative housing societies in cities.



QUIZ
TIME

1. _____ and _____ keep a house cool in hot weather.

Ans- Bricks, stones

2. In (hilly / plain) areas, house are built of bamboo and wood.

Ans- hilly

3. Cooperative housing societies help to save _____

Ans- Space and money

4. Write three materials used for building a house.

Ans- Bricks, stones, glass , iron, mud and bamboo

LEARNING OUTCOME

The learner will be able:

- **to identify the different types of building materials used in building different types of houses.**
- **to know the need of budget in building a house.**
- **to explain how building materials and budget affect in building up houses**

HOMEWORK

Do the oral Q & A in your notebook.

**THANKING YOU
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