

## Environmental Studies

### (Chapter – 13) (A Shelter so High!)

(Class – 5)

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#### Find out:

#### Question 1:

Check in your map. Which states would one pass through while travelling from Mumbai to Kashmir?

#### Answer 1:

The states through which one would pass through while traveling from Mumbai to Kashmir are: Maharashtra, Gujarat, Rajasthan, Punjab, Haryana, Himachal Pradesh and Jammu and Kashmir.

#### Question 2:

Gaurav Jani passed through several states while going from Mumbai to Delhi. Find the capital cities of these states. Was there any other big town on his way?

#### Answer 2:

The states through which Gaurav Jani passed through, while going from Mumbai to Delhi, along with the capitals are as follows:

Maharashtra – Mumbai

Gujarat – Gandhinagar

Rajasthan – Jaipur

Haryana – Chandigarh

Many big towns would have been there in his way such as Ahmedabad, Udaipur, Ajmer etc.

#### Question 3:

Is Manali a plain or a hilly area? In which state is it?

#### Answer 3:

Manali is a hilly area. It is in Himachal Pradesh.



**Tell:**

**Question 4:**

Have you ever stayed in a tent? Where? What was it like?

**Answer 4:**

Yes, I stayed in a tent in mountains of Manali. It was very adventurous and exciting experience.

**Question 5:**

Imagine that you were to stay alone in a small tent for two days and could take with you only ten things. Make a list of those ten things.

**Answer 5:**

If I would have to stay alone in a small tent for two days. I would take these 10 things along with me: woolen cloths, sweater, blanket, torch, packaged food items, water, shoes, camera and canvas for preparing tent.

**Question 6:**

What are the different types of houses that you have seen? Tell your friends about it. Make drawings too.

**Answer 6:**





I have seen different type of houses in different areas like

(i) Houses made up of wood, which are found in hilly areas.

(ii) Big mansions in flat areas.

(iii) Tall building in cities and made of bricks, glass, iron, wood. These house can withstand strong gush of wind. Mud house crumble in such conditions.

**Tell:**

**Question 7:**

During winters, Tashi and his family live on the ground floor. Why would they be doing so?

**Answer 7:**

As there were no windows on the ground floor. Hence, the ground floor was protected from the cold winds. Thus, in order to protect their self from the icy cold winds of the winter season, they lived on the ground floor.

**Question 8:**

What is the roof of your house like? What all is the roof used for?

**Answer 8:**

The roof of my house is made up of bricks and cement. This roof is used for drying clothes preparing chips, papad bodies, aam papad etc. It is also used for sleeping in summers, getting sunlight in winters.

**Find out:**

**Question 9:**

At what height is the place where you live?

**Answer 9:**

I am living in Delhi. This place is situated at a height of 216 metres above the Sea level.



**Question 10:**

Why did Gaurav Jani say - "This place is so high that it is difficult to breathe normally?"

**Answer 10:**

The higher we go on less air (oxygen) is there to breathe.

**Question 11:**

Have you ever been to a hilly place? Where?

**Answer 11:**

Yes, I have been to a hilly place few years back. It was in Manali.

**Question 12:**

At what height was it? Did you have any difficulty in breathing there?

**Answer 12:**

Manali is about 2050 metres above the sea level. Yes, breathing was little difficult in Manali.

**Question 13:**

Which is the highest place you have been to?

**Answer 13:**

I have been to Rohtang pass. It is about 4111 metres above the sea level.

**Question 14:**

For the Changpas their animals are a very important part of their life. Is any animal part of your life? For example, as a pet, or as helpers in farming. List five ways in which different animals are a part of your life.



**Answer 14:**

Yes, my pet dog Harry has become a part of my life. Five ways in which different animals are a part of our life are:

- (1) Dog – People often keep it as a pet or for protecting their house from thieves.
- (2) Cow – It is used to obtain milk.
- (3) Buffalo – It is used to plough fields and to carry goods.
- (4) Goat – It is used to obtain milk and meat.

**Question 15:**

Do goat and sheep need their own fur and wool? Discuss.

**Answer 15:**

students should talk about the fur and hair the goat uses and why they need them. take teacher's help in discussion if required.

**Find out:****Question 16:**

You read that in Changthang the temperature drops below 0°C. Look at newspapers on the TV to find cities in India or abroad where the temperature drops below 0°C. In which months do you expect to see this?

**Answer 16:**

The other cities in India where the temperature drops below 0°C. Srinagar, Ladhak, Shimla etc. Places outside India having temperature below 0°C. are Minnisota, Ottawa etc. This kind of temperature usually occurs in the months of December, January and February.



**Tell:**

**Question 17:**

The houses in different parts of Jammu and Kashmir are made to suit the climate and the needs of the people there. Are there different types of houses in the place where you live? If yes, think about the reasons.

**Answer 17:**

Yes, there are different types of houses in the place I live. Some of them are made up of cement, bricks, glass, steel. These are strong and built in such a way so that these can withstand different adverse conditions like heavy rains and storms. Apart from these, some houses are made up of mud, bamboo, grass etc. These are small huts which cannot withstand the heavy rains and storms. The reason for making these kinds of huts is that the poor people cannot even earn to eat enough. How can they afford big and strong houses?

**Question 18:**

Think of your own house. Is there something special in it – like a sloping roof as it rains a lot, or a courtyard where you can sleep when it is hot or where things are kept in the sun (for drying, etc.)? Make a drawing.

**Answer 18:**

Yes, my house has a sloping roof for protection against sun light and rain and a courtyard also where we can sleep in summer or where things are kept in the sun.





**Question 19:**

What are the materials used for making your house? Is it mud, brick, stone, wood or cement?

**Answer 19:**

The materials used for making my house are mud, brick, stone, wood, cement glass etc.

**Tell:**

**Question 20:**

Look at this picture. Can you see any houses in the picture? These houses are made of stone and mud. Nobody lives here in winter. In summer, the Bakarwal people live here when they bring their goats to higher lands for grazing.

**Answer 20:**

These are temporary houses made by Bakarwal community people for summer season. These people come here with their goats and live there for the entire summer season.



### **Question 21:**

Can you guess the similarities and differences in the life of Bakarwal people and the life of the Changpas.

### **Answer 21:**

Both the Bakarwal's and the Changpa's live in the mountains of Jammu and Kashmir. Both of them move from one place to another, and keep on wandering. Both of them are dependent on animals like goat, yak, sheep etc. They earn their livelihood by selling the wool obtained from these animals. But the main difference between the two is where the Bakarwal's graze any type of goats and sheep and at any place, the Changpa's graze only special types of goats, at very high and colder places. This is because at higher and colder places, these goats develop more and softer hair from which the famous pashmina wool is obtained and thus they stay at high mountains even under excessively low temperatures.

### **What we have learnt:**

### **Question 22:**

You read about different kinds of shelters in Jammu and Kashmir – some on high mountains, some on water, some with beautiful designs in wood and stone, and some mobile shelters that can even be packed and carried to another place.

- Describe how these shelters suit the needs of the people who live there.

### **Answer 22:**

The shelters of the people living on mountains of Jammu and Kashmir are basically in the form of a tent called as Rebo. These can be packed up and carried easily and quickly. These are made up of yak hair that are very strong and warm and protect them from icy cold winds within a short period of time. Since these people keep on wandering on high mountains according to the climatic Conditions and to graze their animals, therefore such shelters are very much suited to the needs of the people. Some houses are made up of wood



which provide protection from the cold weather are in the form of boat by which they can move from place to place.

**Question 23:**

How are these different from the house you live in?

**Answer 23:**

The houses in Jammu and Kashmir are mainly made up of wood, tent etc. These are light weighted and Immobile i.e. can be carried from place to place. But our houses are made up of bricks, cement, steel, glass. These are very strong and immovable i.e. cannot be shifted from one place to other place. These are permanent.