

## 1. Going to School

### TLO:

- ☐ To identify physical feature of the land and explore means of transport associated to that land form.
- ☐ To list the various means of transport in different places.
- ☐ Define the words like pulley,vallam,jugad etc
- ☐ To write about how different types of bridges are made.

### Points to ponder:

Q1. Where are bridges built?

Ans. Bridges are built over roads, rivers, and canals to cross easily.

Q2. What are the materials used to make bridges?

Ans. Different materials are used to make bridges – poles, bricks, cement, iron, etc.

Q3. What is a trolley and where are these trollies used?

Ans. The trolley is an open box made of wood attached to a rope used In Ladakh.

Q4. What is Vallam and where are these Vallams used?

Ans. Vallam, a small wooden boat used in Kerala.

Q5. What type of transportation is commonly used in the desert region of Rajasthan?

Ans. Camel carts are used in the desert region of Rajasthan.

Q6. What is a jugad?

Ans. Jugad is a vehicle that looks like a motorcycle in the front and has a carriage made of wood attached behind. It runs on wheels.

Q7. What challenges do some children face on their way to school in places like Uttarakhand?

Ans. Some children have to walk through the thick forest, and snow and walk on rocky and uneven paths like Uttrakhand to reach school.

Q8. What are some common expectations for students in school?

Ans. All schools have rules that children must follow.

**Q9. What is Pulley and what is the main purpose of using a pulley?**

**Ans. Pulley:** Pulleys are machines that reduce the time and energy taken to lift heavy objects.

**Fill in the blanks :**

- 1. Bamboo bridges are found in Assam.
- 2. Children living in Uttarakhand find it difficult to walk on rocky paths.
- 3. In Rajasthan camel – cart are used for travelling.
- 4. When the snow is frozen, we may slip and fall.
- 5. Some forests are so thick that sunlight does not pass through.

**Answer the following questions.**

**1. Why bridges are built? What are the different types of bridges?**

Ans: Bridges are built to cross the rivers, canals, and Valley. Bamboo Bridge, Rope Bridge, and Cement Bridge are the different types of bridges.

**2. What are the cement bridges made of?**

Ans. Cement bridges are made of cement, bricks, iron rods etc.

**3. Name three things that contain pulley.**

Ans. Pulleys are used in

- 1. Elevators use multiple pulley system in order to function.
- 2. Wells – to draw the water
- 3. Crane- to lift heavy loads

**4. Write the difference between Cement Bridge and Bamboo Bridge.**

Ans:

SNO	Cement Bridge	Bamboo Bridge
1	It is a permanent bridge	It is a temporary bridge
2	It is made up of cement and iron	It is made up of bamboo.
3	It is very strong	Bamboo bridge is not very strong.
4	Its durability is long	Its durability is short

**Match the following:**

1. Uneven path	a) Northern Hills	(5)
2. Sounds of birds and creatures	b) Bamboo and rope bridge	(4)
3. Camel Cart	c) Rocky Mountains	(1)
4. Heavy rain	d) Bullock carts	(6)
5. Moving on the snow	e) vallam	(7)
6. Village in plains	f) forest	(2)
7. Small wooden boat	g) desert	(3)

**Activity:**

- ❖ Draw a picture of your Dream School in your notebook and write about it.
  - ❖ Identify the name of the place with the help of the clues given and locate the same in the map of India
- a) The place where the children use the trolley to cross the river to get to school.
  - b) The place where children use vallam to reach the school.
  - c) The place where children use camel carts to reach the school.
  - d) The place where Jugad is famous.
  - e) The place where the paths are rocky and uneven.