

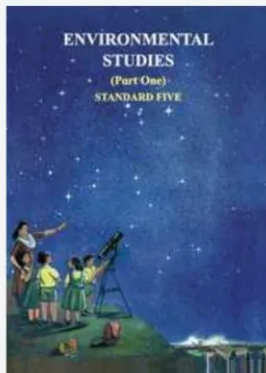
Maharashtra Board Solutions Class

5-Environmental Studies (Part 1): Chapter 14- Transport

BOOK SOLUTIONS
CLASS 5
ENVIRONMENTAL STUDIES (PART 1)

CHAPTER 14
Transport

Maharashtra Board Solutions→



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Maharashtra Board Solutions Class

5-Environmental Studies (Part 1): Chapter 14-

Transport

Class 5: Environmental Studies Chapter 14 solutions. Complete Class 5 Environmental Studies Chapter 14 Notes.

Maharashtra Board Solutions Class 5-Environmental Studies (Part 1): Chapter 14- Transport

Maharashtra Board 5th Environmental Studies Chapter 14, Class 5 Environmental Studies Chapter 14 solutions

Questions and Answers

1. Write five sentences on how you have benefited from transport facilities.

Question 1.

Write five sentences on how you have benefited from transport facilities.

Answer:

Due to transport facilities:

1. Work gets done soon.
2. Time and effort are saved.
3. Trade is facilitated easily.
4. Connection to different parts of the world easily.
5. It has improved lifestyle by education and health services.

2. List four other facilities that have become available in the local area due to transport facilities.

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Question 1.

List four other facilities that have become available in the local area due to transport facilities.

Answer:

Due to transport, we are able to get vegetables and fruits. Milk is supplied on time. We are able to go to the market and malls. We are able to visit relatives and friends.

3. Suggest four solutions to reduce the burden on the local transport.

Question 1.

Suggest four solutions to reduce the burden on the local transport.

Answer:

To reduce the burden on local transport build flyovers, walk short distance, avoid unnecessary travel and go to school and work place close to our house.

4. Find the area in your locality with the least pollution. why is this the least polluted area?

5. What is the full form of CNG and LPG.

Question 1.

What is the full form of:

Answer:

1. CNG: Compressed National Gas

2. LPG: Liquidified Petroleum Gas

6.

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Question (a)

In the above picture, which vehicle is causing pollution?

Answer:

The Bus

Question (b)

What remedy will you suggest to reduce the pollution caused by this vehicle?

Answer:

The bus should do PUC to control the smoke given out.

Can you tell?

Question 1.

- (a) Walking
- (b) Riding a bicycle
- (c) Using a private vehicle
- (d) Using a public vehicle

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Which of the above options will you choose on the following occasions?

Answer:

1. Going to study at a friend's house who lives near by [a]
2. Going to your school which is about one kilometre away. [b]
3. Taking materials to a science exhibition in another town. [c]
4. Going to a wedding in the next town. [d]

Additional Important Questions and Answers

Fill in the blanks with the correct answers from the options given below:

Question 1.

Using a vehicle saves and

- (a) time
- (b) money
- (c) effort
- (d) energy

Answer:

- (a) time , (c) effort

Question 2.

The burning of fuel in vehicles emits and

- (a) water
- (b) ash
- (c) gases
- (d) smoke

Answer:

- (c) gas , (d) smoke

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Question 3.

If there are traffic jams, and pollution in that area increases.

- (a) air
- (b) water
- (c) noise
- (d) land

Answer:

- (a) air , (c) noise

Question 4.

Indigenous trees adopt easily to the local environment and help in enhancing

- (a) nature
- (b) climate
- (c) biodiversity

Answer:

- (c) biodiversity

Question 5.

We use in automobiles.

- (a) fuels
- (b) water
- (c) turbines
- (d) air

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Answer:

(a) fuels

Question 6.

Automobiles cause and pollution.

(a) air

(b) land

(c) noise

(d) water

Answer:

(a) air , (c) noise

Question 7.

Different parts of the world are now due to transport facilities.

(a) known

(b) connected

(c) enemies

(d) friends

Answer:

(b) connected

Question 8.

The transport of goods even on a level has become simple and easy.

(a) national

(b) state

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(c) global

(d) equal

Answer:

(c) global

Question 9.

There is constant on a busy road.

(a) smoke

(b) water

(c) breeze

(d) traffic

Answer:

(d) traffic

Question 10.

When fuel is burnt in vehicles, minute particles of carbon and lead are released into the

(a) water

(b) air

(c) land

(d) fire

Answer:

(b) air

Question 11.

Growth and development of plants is affected adversely, due to pollution.

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- (a) water
- (b) air
- (c) land
- (d) fire

Answer:

- (b) air

Question 12.

Constant traffic through forest areas can the habitat of plants and animals living there.

- (a) harm
- (b) protect
- (c) befriend
- (d) develop

Answer:

- (a) harm

Question 13.

The constant sounds of vehicles create on a large scale.

- (a) headache
- (b) noise
- (c) accidents
- (d) music

Answer:

- (b) noise

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Question 14.

Traffic causes injuries, deaths and damage to the vehicles.

- (a) accidents
- (b) jam
- (c) noise
- (d) smoke

Answer:

- (a) accidents

Question 15.

We should cultivate habits such as short distances.

- (a) jogging
- (b) riding
- (c) flying
- (d) walking

Answer:

- (d) walking

Question 16.

Our environment is sensitive, that is why, has destructive effects on it.

- (a) pollution
- (b) solution
- (c) resolution
- (d) transportation

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Answer:

(a) pollution

2. Match the following:

Question 1.

Match the following:

'A'	'B'
1. Karanj	(a) Traffic accidents
2. LPG	(b) Noise
3. Headaches	(c) Local variety
4. Deaths	(d) Fuel

Answer:

'A'	'B'
1. Karanj	(c) Local variety
2. LPG	(d) Fuel
3. Headaches	(b) Noise
4. Deaths	(a) Traffic accidents

Name the following:

Question 1.

Pollution caused by automobiles.

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Answer:

Air and noise.

Question 2.

Gases emitted through burning of fuels.

Answer:

Carbon monoxide, nitrogen dioxide, sulphur dioxide.

Question 3.

Indigenous variety of trees.

Answer:

Banyan, Peepul, Neem, Karanj.

Question 4.

Fuels that do not cause pollution.

Answer:

LPG and CNG.

Answer in one sentence:

Question 1.

What facilities grow due to speedier modern means of transport?

Answer:

Modern means of transport speeds up facilities of tourism, health and education.

Question 2.

What is air pollution?

Answer:

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An excess of carbon and lead substances lowers the quality of air in the environment which is called air pollution.

Question 3.

What harm do traffic accidents cause?

Answer:

Traffic accidents cause injuries, deaths and damage to the vehicles.

Question 4.

What habit should we cultivate if we have to travel a short distance?

Answer:

If we have to travel a short distance, we should cultivate the habit of working.

Question 5.

What mode of transport saves time and effort?

Answer:

Using a vehicle saves time and effort.

Question 6.

What causes air and noise pollution?

Answer:

Automobiles causes air and noise pollution.

Question 7.

What do vehicles constantly emit?

Answer:

Due to burning of fuel in vehicles, they constantly emit smoke and some poisonous gases.

Question 8.

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Name some poisonous gases emitted by burning of fuels.

Answer:

Some of the poisonous gases emitted by burning of fuels include carbon monoxide, nitrogen dioxide and sulphur dioxide.

Question 9.

What happens when there is constant traffic through forest areas?

Answer:

Constant traffic through forest areas can harm the habitat of plants and animals living there so, the wild animals in these forests migrate elsewhere.

Question 10.

What are the ill-effects of noise pollution to man?

Answer:

Noise pollution causes restlessness, irritability, headaches, lack of concentration, psychological disorders etc.

What are the effects of following on humans, plants and animals?

Question 1.

Air pollution on humans

Answer:

It increases trachea, lung and eye disorders, e.g. burning of the eyes

Question 2.

Air pollution on plants.

Answer:

The leaves of plants shrivel up and fall, sprouts, get scorched. The growth and development of plants is affected.

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Question 3.

Air pollution on animals.

Answer:

The habitat of the animals is harmed and wild animals migrate elsewhere.

Question 4.

Sound pollution on humans.

Answer:

Sound pollution causes restlessness, irritability, headaches, lack of concentration, and psychological disorders.

Answer in brief:

Question 1.

What are sailing ships?

Answer:

In olden times, ships did not use fuel engines. They had sails which helped to use the force of wind. They were called sailing ships.

Question 2.

What options should we consider to help reduce pollution?

Answer:

We can help reduce pollution in the following ways:

1. By cultivating a habit to walk short distances.
2. By riding a bicycle for slightly longer distances.
3. By using public transport as far as possible.

Write short notes:

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Question 1.

Remedies for reducing pollution.

Answer:

The following are the remedies for reducing pollution:

1. Use fuels that cause less pollution.
2. Maintain and repair vehicles from time to time.
3. Use public transport mostly.
4. Use private vehicles only when necessary.
5. Plant indigenous trees to enhance biodiversity.
6. Use LPG and CNG fuels which do not cause pollution.

Question 2.

Advantages of using a bicycle.

Answer:

The advantages of using a bicycle are as follows:

1. Physical exercise
2. Small loads can be carried
3. Pollution free
4. Self-reliance
5. Saves time
6. Can be stored in a small space
7. Saves money
8. Less crowding of vehicles on the streets

What's the solution?

Question 1.

Rohan and Sania walk to school. Their school is thirty minutes away from their house. There is a cultural function at their school today. Their grandmother will accompany them to the function. But she gets tired easily because of her age. Which of the options listed below would you suggest for taking her to school?

(a) Walking

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(b) Autorickshaw

(c) Bus

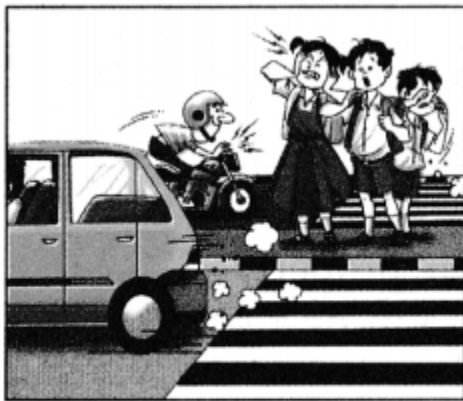
(d) Scooter

(e) Car

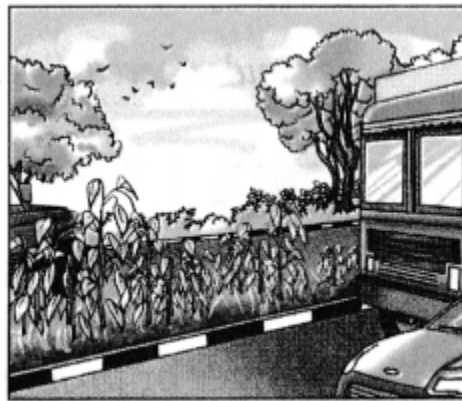
Answer:

Bus

Can you tell?



Picture - 1



Picture - 2

1. Observe the pictures and answer the following questions:

Picture: 1

Question 1.

Where have the children stopped?

Answer:

The children have stopped on the road divide.

Question 2.

Why have they stopped there?

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Answer:

They have stopped there to cross the road due to heavy traffic.

Question 3.

What are the children doing?

Answer:

The children are rubbing their eyes, coughing and closing their ears.

Question 4.

What is troubling them?

Answer:

The noise and air pollution due to transport routes is troubling them.

Picture – 2:

1. State the difference between the plants close to the road and those far away from the road based on the following points:

Question (a)

Freshness of leaves.

Answer:

The leaves close to the road appear dull compared to the one's that are far away from the road.

Question (b)

Colour of the leaves.

Answer:

The leaves near the road are brown as they are covered with a thick layer of dust and mud whereas those far away are green in colour.

Question (c)

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Appearance of plants.

Answer:

The growth of plants is affected due to the pollution. The plants near the road have few leaves.

Glossary:

1. restlessness – lacking quiet and rest
2. irritability -the state of being irritable
3. psychological – problem related to the mind
4. indigenous – occurring naturally in a particular place.
5. shrivel – wrinkle and contract
6. scorched – burnt
7. migrate – move from one region to another
8. facilitated – made easier
9. remedies – medicine or treatment.



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Class 5 Environmental Studies

Part 1

- Chapter 1- Our Earth and Our Solar System
- Chapter 2- Motions of the Earth
- Chapter 3- The Earth and its Living World
- Chapter 4- Environmental Balance
- Chapter 5- Family Values
- Chapter 6- Rules are for Everyone
- Chapter 7- Let us Solve Our own Problems
- Chapter 8- Public Facilities and My School
- Chapter 9- Maps - Our Companions
- Chapter 10- Getting to Know India
- Chapter 11- Our Home and Environment
- Chapter 12- Food for All
- Chapter 13- Methods of Preserving Food
- Chapter 14- Transport
- Chapter 15- Communication and Mass Media
- Chapter 16- Water
- Chapter 17- Clothes - Our Necessity
- Chapter 18- The Environment and Us
- Chapter 19- Constituents of Food
- Chapter 20- Our Emotional World
- Chapter 21- Busy at Work - Our Internal Organs

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- Chapter 22- Growth and Personality Development
- Chapter 23- Infectious Diseases and how to Prevent them
- Chapter 24- Substances, Objects and Energy
- Chapter 25- Community Health and Hygiene
- Chapter 3- Life on Earth
- Chapter 4- Evolution
- Chapter 5- Evolution of Mankind
- Chapter 6- Stone Age: Stone Tools
- Chapter 7- From Shelters to Village-settlements
- Chapter 8- Beginning of Settled Life
- Chapter 9- Settled Life and Urban Civilization
- Chapter 10- Historic Period

Part 2

- Chapter 1- What is History?
- Chapter 2- History and the Concept of 'Time'

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The Maharashtra State Board of Secondary & Higher Secondary Education (MSBSHSE), Pune is an independent body of the Maharashtra Government. There are more than 1.4 million students that appear in the examination every year. The Maha State Board conducts the board examination twice a year. This board conducts the examination for SSC and HSC.

The Maharashtra government established the Maharashtra State Bureau of Textbook Production and Curriculum Research, also commonly referred to as Ebalbharati, in 1967 to take up the responsibility of providing quality textbooks to students from all classes studying under the Maharashtra State Board. MSBHSE prepares and updates the curriculum to provide holistic development for students. It is designed to tackle the difficulty in understanding the concepts with simple language with simple illustrations. Every year around 10 lakh students are enrolled in schools that are affiliated with the Maharashtra State Board.

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