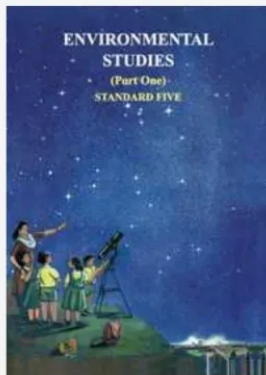


Maharashtra Board Solutions Class

5-Environmental Studies (Part 1): Chapter 11- Our Home and Environment

BOOK SOLUTIONS
CLASS 5
ENVIRONMENTAL STUDIES (PART 1)

CHAPTER 11
**Our Home and
Environment**



Maharashtra Board Solutions→



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Maharashtra Board Solutions Class

5-Environmental Studies (Part 1): Chapter 11-

Our Home and Environment

Class 5: Environmental Studies Chapter 11 solutions. Complete Class 5 Environmental Studies Chapter 11 Notes.

Maharashtra Board Solutions Class 5-Environmental Studies (Part 1): Chapter 11- Our Home and Environment

Maharashtra Board 5th Environmental Studies Chapter 11, Class 5 Environmental Studies Chapter 11 solutions

Questions and Answers

Use your brain power?

Question 1.

For what purpose do birds use their nest.

Answer:

Birds use their nest to lay their eggs and bring up their young ones.

what's the solution?

Question 1.

What can we do to build houses without harming the environment?

Answer:

To build houses without harming the environment we can build permanent eco-friendly houses where we have good ventilation and use non exhaustible sources of energy.

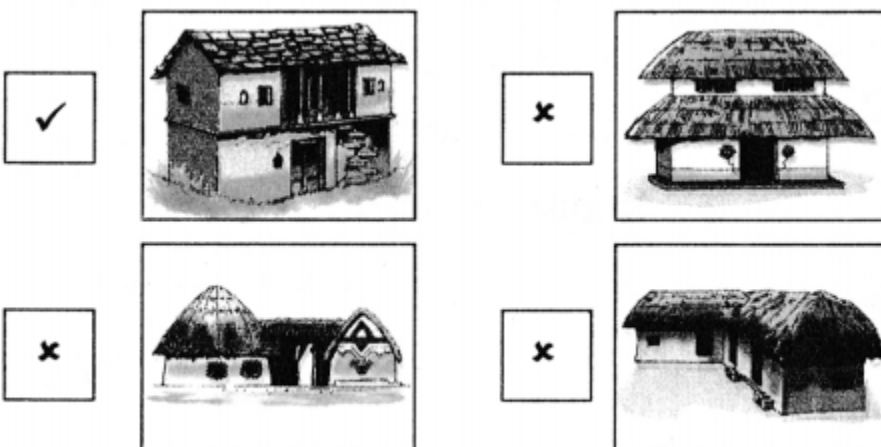
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1. Which of the following houses would be suitable in a mountainous region.

Question 1(a).

Which of the following houses would be suitable in a mountainous region. Put a ✓ in the appropriate box. Give reasons for selecting that house.

Answer:



This house is made of natural material available in the mountainous region, that is stone, it is strong to withstand mountainous winds.

Question 1(b).

What materials will you mainly use for building a multi-storeyed house?

(a) Mortar / Coal / Cement / Bricks

(b) Cement / Bricks / Cotton / Iron

(c) Iron / Cement / Mortar / Bricks

Answer:

Iron / Cement / Mortar / Bricks

2. Arrange the following considerations from the most to least important factor in house building:

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Question 1.

Arrange the following considerations from the most to least important factor in house building:

- (a) Luxury
- (b) Structure
- (c) Climate

Answer:

- (a) Climate
- (b) Structure
- (c) Luxury

3. Write the following:

Question (a)

List the eco-friendly things in your house.

Answer:

Things made of mud like a earthen water pot. (Personal response)

Question (b)

Which of the gadgets in the house can be run on solar energy?

Answer:

Solar calculator, solar cooker. Add more to the list.

4. What are the types of pollution that can be observed at a construction site?

Question 1.

What are the types of pollution that can be observed at a construction site?

Answer:

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The types of pollution that are seen at a construction site are air, water, soil and noise.

Make friends with maps!

Question 1.

Observe the map and the pictures and complete the following chart.

Sr. No.	Region	Type	Shape / Construction	Building material	
				Roof	Walls
1.	Plains	Flat-roofed house	Rectangular	Wood, earth	Stone, earth
2.					
3.					
4.					
5.					

Answer:

Region	Type	Shape/Construction	Building Material	
			Roof	Walls
(1) Plains	Flat roofed house	Rectangular	Wood earth	Stone, earth
(2) Mountainous	Sloping roof	Rectangular	Wood, tiles	Bricks, Cement
(3) Desert	Flat roofed	Squarish	Cement	Bricks Cement
(4) Region of heavy rainfall	Sloping roof	Rectangular	Wood, tiles	Bricks, Cement
(5) Plateau region	Sloping roof	Rectangular	Hay, wood	Stone, Earth

Try this.

Question 1.

Complete the table given below regarding the original source.

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Material	Original source
Bricks	
Cement	Limestone
Iron	
Wood	
Water	
Rubble	
Glass	Sand
Floor Tiles	
Sand	
Roof Tiles	
Tin Sheets	

Answer:

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Material	Original Source
Bricks	Soil
Cement	Limestone
Iron	Iron Ore
Wood	Trees
Water	Rain
Rubble	Soil
Glass	Sand
Floor Tiles	Clay and fine sand
Sand	River
Roof Tiles	Soil
Tin Sheets	Tin ore

Additional Important Questions and Answers

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

Question 1.

A section of our society becomes homeless this is a problem.

- (a) political
- (b) social
- (c) economic

Answer:

- (b) social

Question 2.

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Houses are built in large numbers due to increasing

- (a) population
- (b) natural resources
- (c) land

Answer:

- (a) population

Question 3.

Glass is made from

- (a) soil
- (b) limestone
- (c) sand

Answer:

- (c) sand

Question 4.

The city of Mumbai comprises of islands.

- (a) 6
- (b) 7
- (c) 8

Answer:

- (b) 7

Question 5.

Land obtained by filling water bodies is called

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- (a) coastal lands
- (b) reclaimed land
- (c) marshy lands

Answer:

- (b) reclaimed land

Question 6.

People build houses to suit the of their region.

- (a) climate
- (b) population
- (c) situation

Answer:

- (a) climate

Question 7.

Water, food, clothing and shelter are the basic of every human being.

- (a) height
- (b) weight
- (c) needs

Answer:

- (c) needs

Question 8.

The of the world is increasing all the time.

- (a) time

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(b) population

(c) water

Answer:

(b) population

Question 9.

Shortage of land, leads to forest land being used for agriculture.

(a) agricultural

(b) geographical

(c) water

Answer:

(a) agricultural

Question 10.

Trees are in great numbers and forests are reduced.

(a) watered

(b) felled

(c) grown

Answer:

(b) felled

Question 11.

..... is needed to produce construction material.

(a) Energy

(b) Humans

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(c) Forest

Answer:

(a) Energy

Question 12.

Energy is produced using natural like coal, natural gas or mineral oil.

(a) trees

(b) fuels

(c) minerals

Answer:

(b) fuels

Question 13.

Burning of natural fuels leads to pollution.

(a) air

(b) water

(c) land

Answer:

(a) air

Question 14.

..... or energy are non-exhaustible sources of energy.

(a) air

(b) wind

(c) solar

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Answer:

(b) wind & (c) solar

Name the following:

Question 1.

Government provides shelter for homeless in cities.

Answer:

Night shelters

Question 2.

Source from which cement is made.

Answer:

Limestone

Question 3.

Natural fuels

Answer:

Coal, natural gas, mineral oil.

Question 4.

Pollution caused by burning fuel.

Answer:

Air

Question 5.

Non exhaustible sources of energy.

Answer:

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Solar energy, Wind energy and Biogas.

Question 6.

Two continents having water tourism

Answer:

Europe and North America.

Question 3.

Complete the co-relation:

Answer:

1. Mountainous region: Sloping roof:: Plain: Flat roof.
2. Cement: Limestone :: Bricks : Soil.
3. Coal: Exhaustible energy:: Solar energy: Non exhaustible energy.

Answer in one sentence:

Question 1.

What are the different things from which a house gives us protection?

Answer:

A house protects us from sun, wind, cold, rain and wild animals.

Question 2.

Where do homeless people live?

Answer:

Homeless people seek shelter at the roadside, on footpaths, under bridges, in tumble down buildings, in railway or bus stations and open grounds.

Question 3.

What is water tourism?

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Answer:

In the coastal region, where under water shelters are built for tourist to view the sea bed and marine life is called water tourism.

Question 4.

Why are many people forced to be 'homeless'?

Answer:

Many people are forced to be 'homeless' because they have insufficient or no means of livelihood.

Question 5.

What are the basic needs of every human being?

Answer:

Water, food, clothing and shelter are the basic needs of every human being.

Question 6.

Why are houses being built in large numbers?

Answer:

The population of the world is increasing all the time. That is why, houses are being built in large numbers.

Question 7.

What are the ill-effects of urbanization on land?

Answer:

Due to growing urbanization, land which was used for agriculture is now being used to build roads or to raise settlements. This leads to shortage of agricultural land.

Question 8.

Why are trees felled?

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Answer:

Shortage of agricultural land leads man to cut down forests and use the land for agriculture.

Question 9.

From where do we get energy?

Answer:

We get energy by using natural fuels like coal, natural gas or mineral oil.

Question 10.

What ill-effects do we face when we use natural fuels?

Answer:

Using natural fuels not only leads to its exhaustion but also to air pollution.

Question 11.

Which are non-exhaustible sources of energy?

Answer:

Solar energy and wind energy are non- exhaustible sources of energy.

Give reasons:

Question 1.

Differences occur in the construction of houses according to the regions.

Answer:

There are differences in the construction of houses according to the region because :

1. People build houses to suit the climate of the region.
2. Using the natural resources that are available.

Question 2.

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Many people are forced to be 'homeless'.

Answer:

Many people are forced to be homeless because they have insufficient or no means of livelihood.

Question 3.

Houses are being built in large numbers.

Answer:

Houses are being built in large numbers because the population of the world is increasing all the time.

Question 4.

Forested land is reducing.

Answer:

1. Growing urbanization uses agricultural land to build roads and to raise settlements.
2. This leads to shortage of agricultural land.
3. So trees are felled in a great number to make use for agricultural purpose.
4. Therefore, forested land is reducing.

Question 5.

It is necessary to use non-exhaustible sources of energy.

Answer:

1. Natural fuels like coal, natural gas or mineral oil can be used only once.
2. They get consumed when we use them.
3. They also cause air pollution.
4. It takes lakhs of years for these resources to be formed in nature.
5. Therefore it is necessary to use non exhaustible sources of energy.

Answer briefly:

Question 1.

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How are natural resources obtained to build a house?**Answer:**

Natural resources are obtained to build a house are as follows:

1. Digging up hills for quarrying.
2. Extracting sand from seashores and riverbeds.
3. Extracting stone and earth from the ground.
4. Drawing out excessive amount of ground water.
5. Felling trees to clear land.
6. Filling up ponds, lakes, streams, rivers, creeks and low lying areas to reclaimed land.

Question 2.**Why do people become homeless?****Answer:**

People become homeless because

1. Lack of affordable housing.
2. Poverty and unemployment.
3. Inadequate' income.
4. Natural disasters.
5. Physical and mental disorders.

Question 3.**What are the main uses of a house?****Answer:**

The main uses of a house are as follows:

1. A shelter.
2. A resting place.
3. Protection against the sun, wind, cold and rains.
4. Protection from wild animals and from anti-social elements.

Question 4.**What is the government doing towards the 'homeless'?**

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Answer:

1. A section of society being 'homeless' is a social problem.
2. That is why the government implements many schemes to provide homes to the homeless.

In some of the cities, the government makes 'night shelters' available to the homeless.

Write short notes on:**Question 1.****Characteristics of eco-friendly houses****Answer:**

The characteristics of eco-friendly houses are as follows:

1. Minimum consumption of natural resources.
2. Use of non exhaustible sources of energy such as biogas, wind energy and solar energy.
3. Recycling of water.
4. Recycling of garbage.
5. Avoiding artificial materials and artificial colours.
6. Provision for natural light and ventilation in the house.

Question 2.**Uses of a house****Answer:**

Uses of a house are as follows:

1. A shelter.
2. A resting place.
3. Protection against the sun, the wind, the cold and the rains.
4. Protection from wild animals.
5. Keeping ourselves safe from anti-social elements.

What's the solution?

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Question 1.

Construction work is going on opposite Ajit's house. That means constant loud noise and a lot of dust in the air. Ajit and his family have to suffer this all the time. What can Ajit do to find a way out of this problem?

Answer:

Ajit and his family will have to keep their windows closed to avoid the dust and noise. They should use ear plugs when the noise is intense.

Glossary:

1. forested – covered with forests
2. urbanization – population shift from rural to urban areas
3. reclaimed – recovered.
4. shortage – a state in which something cannot be obtained in sufficient amount
5. felled – cut down.
6. luxury – state of great comfort.
7. quarrying – cut into and obtain stone
8. inadequate – lacking the quantity required
9. consumption – action of using up a resource
10. artificial – made by human beings, not natural.



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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 and Higher Secondary Education or MSBSHSE (Marathi: महाराष्ट्र राज्य माध्यमिक आणि उच्च माध्यमिक शिक्षण मंडळ), is an **autonomous and statutory body established in 1965**. The board was amended in the year 1977 under the provisions of the Maharashtra Act No. 41 of 1965.

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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