

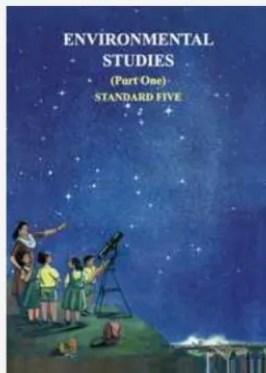
Maharashtra Board Solutions Class

5-Environmental Studies (Part 1): Chapter 9-

Maps - Our Companions

BOOK SOLUTIONS
CLASS 5
ENVIRONMENTAL STUDIES (PART 1)

CHAPTER 9
Maps – Our Companions



Maharashtra Board Solutions→

For any clarifications or questions you can write to info@indcareer.com

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5-Environmental Studies (Part 1): Chapter 9-

Maps - Our Companions

Class 5: Environmental Studies Chapter 9 solutions. Complete Class 5 Environmental Studies Chapter 9 Notes.

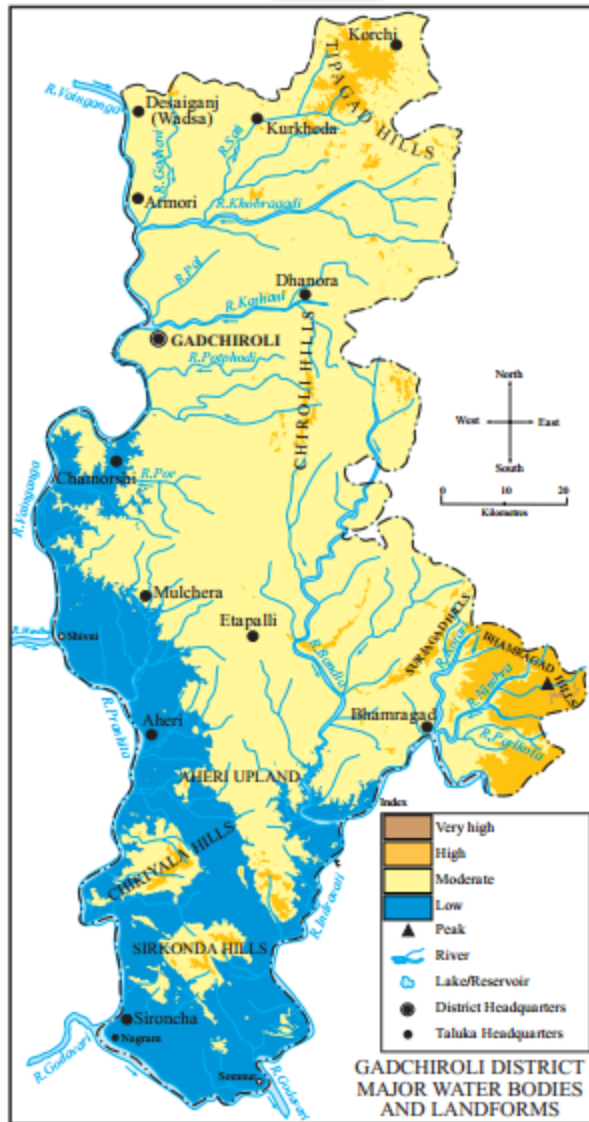
Maharashtra Board Solutions Class 5-Environmental Studies (Part 1): Chapter 9- Maps - Our Companions

Maharashtra Board 5th Environmental Studies Chapter 9, Class 5 Environmental Studies Chapter 9 solutions

Questions and Answers

1. Make a list of the various landforms in your surroundings. Draw one of the landforms in your notebook using one of the methods of showing landforms.

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2. In the following sentences, underline the words that represent landform and prepare signs or symbols for them.

Question (a)

Sonali lives just beyond Mount Takmak.

Answer:

Mount (Δ)

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Question (b)

Nilesh has gone on a trip to Gharapuri Island.

Answer:

Island

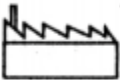
3. Prepare signs and symbols for the following components:

Question 1.

Prepare signs and symbols for the following components:

House, hospital, factory, park, playground, road, hill, river.

Answer:

1. House	
2. Hospital	
3. Factory	
4. Park	PK
5. Playground	PG
6. Road	
7. Hill	
8. River	

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4. The given map shows height through the use of colours. However, one colour representation is wrong. Write which colour would be correct in its place.

Question 1.

The given map shows height through the use of colours. However, one colour representation is wrong. Write which colour would be correct in its place.

Answer:

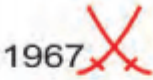
In place of blue the colour for low elevation to be used should have been green.

Use your brain power!

Question 1.

will you help them by writing the meanings of each sign and symbol?

Answer:

	Post Office
	Harbour
	Lighthouse
	Fort
	Battlefield
	Railway
	Well
	Spring

Additional Important Questions and Answers

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

Question 1.

In ancient times, maps were mainly used for

- (a) weather forecast
- (b) wars
- (c) tourism

Answer:

- (b) wars

Question 2.

The colour is used to indicate water bodies on a map.

- (a) grey
- (b) green
- (c) blue

Answer:

- (c) blue

Question 3.

The most modern method of indicating height on a map is method.

- (a) contour line
- (b) digital elevation
- (c) layer tinting

Answer:

- (b) digital elevation

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Question 4.

The foremost mapmaking institute in India is

- (a) Survey of India
- (b) Mapping of India
- (c) Survey of Map

Answer:

- (a) Survey of India

Question 5.

The Survey of India headquarters are in

- (a) Shimla
- (b) Dehradun
- (c) Delhi

Answer:

- (b) Dehradun

Question 6.

The Survey of India was established in

- (a) 1867
- (b) 1967
- (c) 1767

Answer:

- (c) 1767

Question 7.

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The land in our environment is not of the same everywhere.

- (a) length
- (b) height
- (c) breadth

Answer:

- (b) height

Question 8.

The univemess of land gives rise to various land shapes creating different

- (a) land forms
- (b) strategy
- (c) maps

Answer:

- (a) land forms

Question 9.

There are different of showing land forms on a map.

- (a) knowledge
- (b) questions
- (c) methods

Answer:

- (c) methods

Question 10.

The and of land cannot be shown easily on a piece of paper.

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(a) depth

(b) width

(c) height

Answer:

(a) depth & (c) height

Question 11.

The height of the land is measured from

(a) ground-level

(b) snow-line

(c) sea-level

Answer:

(c) sea-level

Question 12.

When there is less distance between the contour lines, the slope is

(a) steep

(b) gentle

(c) level

Answer:

(a) steep

Question 13.

When the distance between the contour lines is great, the slope is

(a) steep

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(b) gentle

(c) level

Answer:

(b) gentle

Question 14.

In layer tinting method, each colour indicates a specific

(a) weight

(b) depth

(c) height

Answer:

(c) height

Question 15.

In digital elevation method, the is obtained through man-made satellites.

(a) information

(b) technology

(c) height

Answer:

(a) information

Question 16.

Using computers, we can find the height of each point on a map.

(a) plain

(b) digital

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(c) military

Answer:

(b) digital

Question 17.

Standard signs and symbols are used to make the easy to read.

(a) road

(b) board

(c) map

Answer:

(c) map

Question 18.

..... are miniature drawings of the respective objects.

(a) symbols

(b) signs

(c) maps

Answer:

(a) symbols

2. Match the following:

Question 1.

Match the following:

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'A'	'B'
(1) Well	(a) 
(2) Spring	(b) 
(3) Grass	(c) 
(4) Burial ground	(d) 
(5) Settlement	(e) 

Answer:

1 – c, 2 – e, 3 – a, 4 – b, 5 – d

Answer in one sentence:

Question 1.

What are different ways of showing elevation of land on a map?

Answer:

The different ways of showing elevation of land on a map are contour line method, layer tinting method and digital elevation method.

Question 2.

What are contour lines?

Answer:

Lines on a map joining places having same height are called contour lines.

Question 3.

How are digital elevation model prepared?

Answer:

Digital elevation model is prepared with the information obtained through manmade satellites and help of computers.

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Question 4.

What are physical maps used for?

Answer:

Physical maps are used in military operations, tourism, drawing up mountaineering routes, in making regional development projects etc.

Question 5.

How are conventional signs drawn?

Answer:

Conventional signs are drawn in the form of letters or geometrical shapes, for example, lines, circle, triangle, dots etc.

Question 6.

How are conventional symbols drawn?

Answer:

Conventional symbols are miniature drawings of the respective objects for eg, temples, mosque, forts etc.

Question 7.

Name some land forms.

Answer:

Mountains, valleys, plateaus, plains and islands are different land forms.

Question 8.

How were maps used during ancient times?

Answer:

During ancient times, maps were mainly used in wars.

Question 9.

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From where is the height of land measured?

Answer:

The height of land is measured from sea-level.

Question 10.

How does contour line method help?

Answer:

Contour line method helps us to understand the slope of the land and the height of different places.

Question 11.

In layer tinting method, what do colours indicate?

Answer:

In layer tinting method, each colour indicates a specific height.

Question 12.

Why are signs and symbols used in maps?

Answer:

Standard signs and symbols are used to make the map easy to read.

Question 13.

Which is the foremost map making institute in India?

Answer:

The 'Survey of India' is the foremost mapmaking institute in India.

Question 14.

What are the topographic maps made by 'Survey of India' known for all over the world?

Answer:

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The topographic maps made by 'Survey of India' are known all over the world for their accuracy.

Give geographical reasons:

Question 1.

Standard signs and symbols are used to make the map easy to read.

Answer:

1. Many people make use of maps.
2. Maps show various components.
3. If these components are shown on different maps in different ways, it will be difficult to understand them.
4. Therefore, standard signs and symbols are used to make the map easy to read.

Answer in brief:

Question 1.

Explain – Layer tinting method.

Answer:

1. Layer tinting method is based on contour lines.
2. The space between the contour lines is filled with colour.
3. Each colour indicates a specific height.
4. For example, water bodies – blue colour, high elevated land yellow.

Question 2.

Write a note on the 'Survey of India'.

Answer:

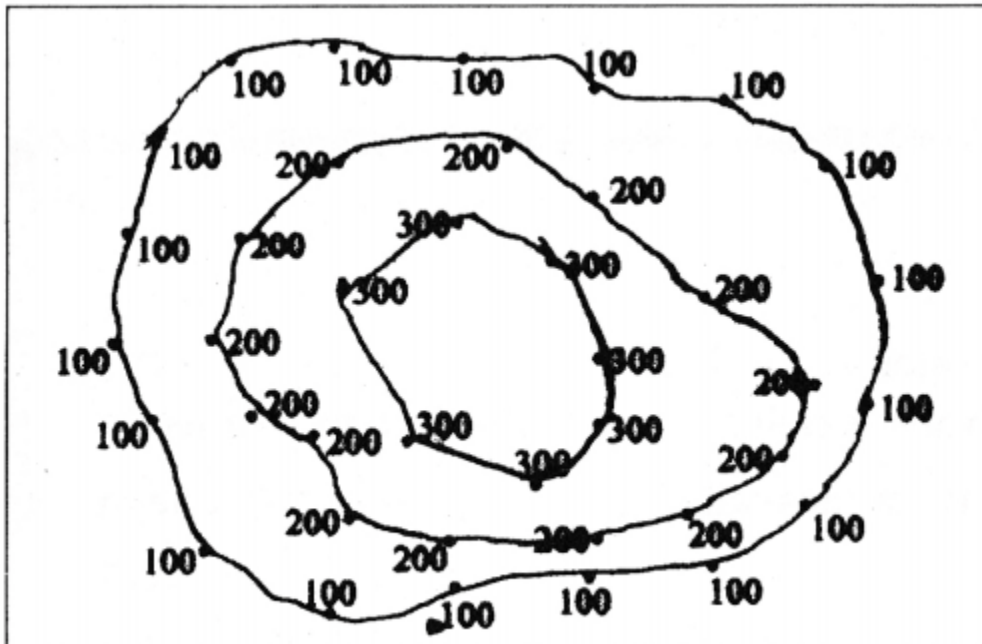
1. The 'Survey of India' is the foremost map-making institute in India.
2. It was established in 1767.
3. It makes a large number of topographic maps of the Indian subcontinent on various scales by conducting field surveys.
4. These maps are accurate maps.
5. Its headquarters are in Dehradun in Uttarakhand.

Use your brain power!

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Question 1.

Join the dots that show places of the same height. What method of showing the landforms on a map have you used here?



Answer:

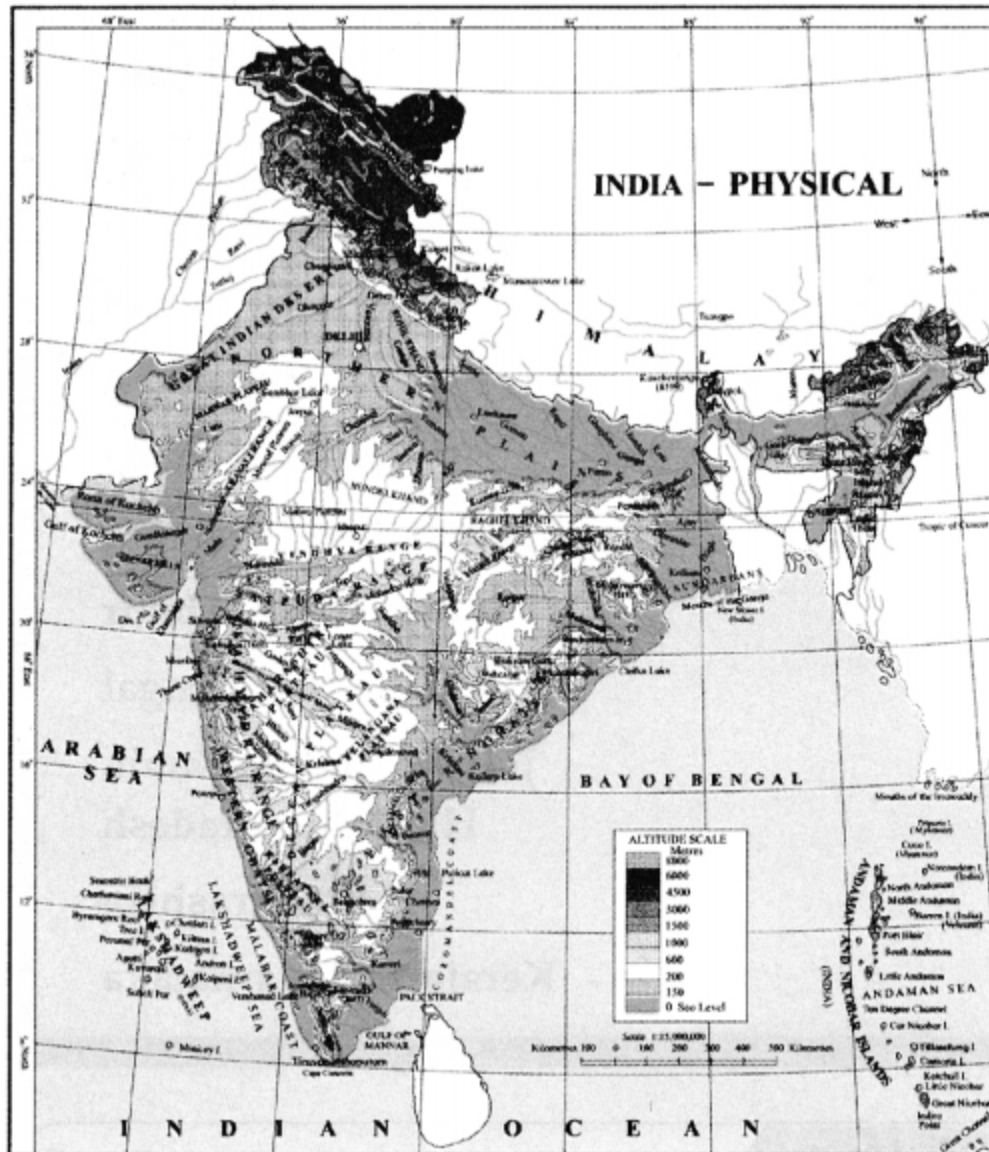
Contour line method.

Question 2.

A map made by the layer tinting method is given in another chapter. Find the map and write its caption in the blank box below:

Answer:

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Can you tell?

Question 1.

In map A, how has the height of the land been shown?

Answer:

Lines which are called contours.

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Question 2.

Why have colours been used in map B?

Answer:

The colours between the contour lines shows the difference in the physical set up.

Question 3.

How is map C different from the other two maps?

Answer:

In map C we can directly observe the differences in the height of landforms.

Question 4.

In which direction is the highest point in map A, B, C?

Answer:

South East

Question 5.

In which map can the landforms be seen more clearly?

Answer:

Map B.

Question 6.

Can you tell?

Identify the following sign and symbols and write their names in the boxes.

Answer:

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Right to education



Doordarshan



Women/Men



Hospital



School Ahead



Book

Glossary:

1. elevation – fact of raising or being raised
2. contour – an outline representing the shape of form
3. foremost – most prominent.
4. conventional – based on what is generally done or believed

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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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FAQs

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How many state boards are there in Maharashtra?

The Maharashtra State Board of Secondary & Higher Secondary Education, conducts the HSC and SSC Examinations in the state of Maharashtra through its nine Divisional Boards located at Pune, Mumbai, Aurangabad, Nasik, Kolhapur, Amravati, Latur, Nagpur and Ratnagiri.

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