

Maharashtra Board Solutions Class

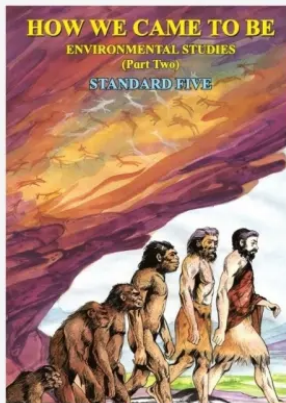
5-Environmental Studies (Part 2): Chapter 3-

Life on Earth

BOOK SOLUTIONS
CLASS 5
ENVIRONMENTAL STUDIES (PART 2)

CHAPTER 3
Life on Earth

Maharashtra Board Solutions→



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

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5-Environmental Studies (Part 2): Chapter 3-

Life on Earth

Class 5: Environmental Studies Chapter 3 solutions. Complete Class 5 Environmental Studies Chapter 3 Notes.

Maharashtra Board Solutions Class 5-Environmental Studies (Part 2): Chapter 3- Life on Earth

Maharashtra Board 5th Environmental Studies Chapter 3, Class 5 Environmental Studies Chapter 3 solutions

Questions and Answers

1. Answer the following question in one sentence.

Question a.

What instrument do we need to see a unicellular organism?

Answer:

We need a microscope to see a unicellular organism.

Question b.

Where did the protozoa appear first?

Answer:

The protozoa appeared first in water.

2. Answer the following in brief.

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Question a.

How were the sun and the planets in our solar system created?

Answer:

1. Around 4-5 million years ago, an enormous cloud of very hot gases and dust was spinning at a great speed in space.
2. Its circular motion and great speed caused its division into several portions.
3. This splitting created the sun and the planets in our solar system.

Question b.

Write any two characteristics of animals.

Answer:

1. Animals move to find food and for other purposes.
2. Some species of animals lay eggs and their young ones are born out of the egg; whereas animals of some
3. other species give birth to their young ones.

3. Find the names of the planets in the box below.

Question 1.

M	E	R	C	U	R	Y	J
M	A	V	S	R	M	A	U
V	R	S	E	A	A	R	P
E	T	S	U	N	R	N	I
N	H	A	N	U	S	V	T
U	S	A	T	S	R	N	E
S	A	T	U	R	N	P	R
N	E	P	T	U	N	E	O

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Answer:

M	E	R	C	U	R	Y	J
M	A	V	S	R	M	A	U
V	R	S	E	A	A	R	P
E	T	S	U	N	R	N	I
N	H	A	N	U	S	V	T
U	S	A	T	S	R	N	E
S	A	T	U	R	N	P	R
N	E	P	T	U	N	E	O

1. Mercury
2. Jupiter
3. Venus
4. Mars
5. Saturn
6. Neptune
7. Earth
8. Uranus

4. Arrange the events given below in chronological order.

Question 1.

Arrange the events given below in chronological order.

(a) Water bodies appeared on the earth's surface.

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- (b) The sun and the planets revolving around it were created.
- (c) Protozoa appeared in water.
- (d) An enormous cloud of hot gases and dust was formed in space.

Answer:

- (a) An enormous cloud of hot gases and dust formed in space.
- (b) The sun and the planets were formed.
- (c) Water bodies appeared on the earth's surface.
- (d) Protozoa appeared in water

Activity :

Question 1.

Make a model of the solar system using balls of different sizes.

Project :

Question 1.

Visit a zoo or make a list of animals which are seen in your neighbourhood and note their characteristics.

Additional Important Questions and Answers

Fill in the blanks:

1. An enormous' cloud of very hot gases and dust spinning at a great speed was formed in
2. The cloud's circular motion and great speed caused it to divide into several portions, creating the and
3. and are planets.
4. The is the only planet where life is known to exist
5. After the creation of the earth, it took about years for its surface to cool down and for water bodies to be formed on it.
6. It is believed that various kinds of unicellular? organisms or living things, first appeared in

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7. Unicellular organisms are known as
8. Gradually, living things developed from these unicellular ones.
9. Protozoa can only be seen through a
10. The living world on the Earth consists of and
11. Animals in order to get food or for other purpose.
12. Animals of some species lay eggs. Their young ones are born out of
13. Some species, a mother gives to the young ones.
14. The protozoa are so that they cannot be seen with the naked eye.
15. Animals of some lay eggs.
16. Various kinds of organisms first appeared in water.

Answer:

1. space
2. Sun, planets
3. Mercury, Venus
4. Earth
5. 80 crore
6. Water
7. Protozoa
8. Multi cellular
9. Microscope
10. Plants, animals
11. Move
12. Eggs
13. Birth
14. Tiny
15. Species
16. Unicellular

Answer each question in one sentence :

Question 1.

When did the formation of the earth begin?

Answer:

On the basis of scientific research, it is believed that the formation of earth came into being around 4.5 billion years ago.

Question 2.

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On the onset of creation, what was first formed?

Answer:

An enormous cloud of very hot gases and dust spinning at a great speed was formed in space.

Question 3.

How were the sun and planets formed?

Answer:

The circular motion of the great cloud caused it to divide into several portions thus creating the sun and planets.

Question 4.

Name the planets in our solar system.

Answer:

Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune are the planets in our solar system.

Question 5.

What forms the solar system?

Answer:

The sun and planets which revolve around the sun forms the solar system.

Question 6.

Which is the only planet where life is known to exist?

Answer:

The Earth is the only planet where life is known to exist

Question 7.

How many years did it take for the surface of the Earth to get cooled?

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Answer:

After the creation of the Earth, it took about 80 crore years for its surface to cool down and for water bodies to be formed on it.

Question 8.

What kind of living organisms appeared first? What are they known as?

Answer:

Various kinds of unicellular organisms or living things first appeared in water, they are known as 'Protozoa'.

Question 9.

When did the multicellular living organisms appear?

Answer:

After the creation of unicellular organisms in water, gradually, multicellular living organisms developed from the unicellular ones.

Question 10.

State the main characteristics of animals in which young ones are born.

Answer:

Animals of some species lay eggs and their young ones are born out of an egg. While in some other species, a mother gives birth to their young ones.

Question 11.

Which planets revolve around the sun?

Answer:

Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune are the planets that revolve around the sun.

Question 15.

How many years ago was the cloud formed in space?

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Answer:

The cloud was formed in space about 4-5 billion years ago

Answer the following questions in brief:

Question 1.

How did life develop on Earth? Or What was the origin of life on earth?

Answer:

1. After the creation of the Earth, it took about 80 crore years for its surface to cool down and for water bodies to be formed on it.
2. Various kinds of unicellular organisms known as protozoa, first appeared in water.
3. Gradually, multicellular living things developed from these unicellular ones.
4. Thus, life developed on Earth.

Glossary :

1. enormous : very large
2. unicellular : consisting of one cell
3. organism : an individual animal, plant or single-celled life form



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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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About About Maharashtra State Board (MSBSHSE)

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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Who developed the Maharashtra State board books?

As of now, the MSCERT and Balbharti are responsible for the syllabus and textbooks of Classes 1 to 8, while Classes 9 and 10 are under the Maharashtra State Board of Secondary and Higher Secondary Education (MSBSHSE).

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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