

## Chapter 3: Life on Earth

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### EXERCISES [PAGE 14]

#### Exercises | Q 1. (a) | Page 14

**Answer the following question in one sentence.**

What instrument do we need to see a unicellular organism?

#### SOLUTION

We need a microscope to see a unicellular organism.

#### Exercises | Q 1. (b) | Page 14

**Answer the following question in one sentence.**

Where did the protozoa appear first?

#### SOLUTION

The protozoa appeared first in water.

#### Exercises | Q 2. (a) | Page 14

**Answer the following in brief.**

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

#### SOLUTION

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.

#### Exercises | Q 2. (b) | Page 14

**Answer the following in brief.**

Write any two characteristics of animals.

#### SOLUTION

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 other species give birth to their young ones.

#### Exercises | Q 3 | Page 14

Find the names of the planets in the box below.

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

**SOLUTION**

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

**Exercises | Q 4 | Page 14**

**Arrange the events given below in chronological order.**

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

**SOLUTION**

- (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