

## Unit 12

### LIFE ON OTHER PLANETS

#### B. EXERCISES

##### I. Choose the word in each line that has different stress pattern

- |                    |                |                |                |
|--------------------|----------------|----------------|----------------|
| 1. a. continent    | b. cinema      | c. elephant    | d. computer    |
| 2. a. receptionist | b. biography   | c. disqualify  | d. operation   |
| 3. a. atmosphere   | b. inhabit     | c. meaningless | d. powerful    |
| 4. a. unsuitable   | b. emotionless | c. uneventful  | d. informative |
| 5. a. valueless    | b. resourceful | c. essential   | d. surprising  |

##### II. Find the word which has a different sound in the part underlined. Read the words aloud.

- |                           |                     |                      |                     |
|---------------------------|---------------------|----------------------|---------------------|
| 1. a. a <u>g</u> ent      | b. e <u>n</u> gine  | c. r <u>e</u> gard   | d. s <u>u</u> rgeon |
| 2. a. s <u>a</u> ck       | b. s <u>l</u> ash   | c. sw <u>a</u> mp    | d. s <u>a</u> mp    |
| 3. a. fluo <u>r</u> ide   | b. l <u>i</u> d     | c. a <u>r</u> id     | d. h <u>i</u> dden  |
| 4. a. frighten <u>e</u> d | b. stamp <u>e</u> d | c. walk <u>e</u> d   | d. laugh <u>e</u> d |
| 5. a. hand <u>s</u>       | b. occasi <u>s</u>  | c. associat <u>s</u> | d. other <u>s</u>   |

##### III. Complete the sentences with the words in the box

accommodate      climate      explore      mission      orbit  
oxygen      planet spaceship      spacesuit      surface

1. Scientists think it is possible to send humans on a \_\_\_\_\_ to Mars by the 20130s.

2. James Kirk is the captain of the \_\_\_\_\_ called Enterprise.
3. Jupiter is the largest \_\_\_\_\_ in the solar system. Its diameter is more than 11 times the diameter of Earth.
4. The astronaut wears a \_\_\_\_\_ to protect him from the dangers of being outside in space.
5. Do you know that it takes only 88 Earth days for Mercury to \_\_\_\_\_ the Sun once?
6. The biggest problem for humans to live in other planets is lack of \_\_\_\_\_ and water.
7. Since the early 1960s, dozens of spacecraft have been sent to \_\_\_\_\_ Mars.
8. NASA decided to \_\_\_\_\_ a rocket from Cape Canaveral at the end of this year.
9. It's impossible for people to live on Venus because the \_\_\_\_\_ there is unsuitable for human life.
10. They have found a planet that could \_\_\_\_\_ half of Earth's population.

#### **IV. Give the correct form of the words given to complete the sentences**

1. Many astronauts said that it was \_\_\_\_\_ to see the Earth from space.  
(WONDER)
2. Oxygen is essential for the \_\_\_\_\_ of all plants and animals, whether they live on the land or in the water. (SURVIVE)
3. Astronauts who are orbiting the Earth often experience sensation of \_\_\_\_\_  
(WEIGHT)
4. John Harrison is a space \_\_\_\_\_ who wants to destroy Earth. (TERROR)

5. WWF is committed to saving \_\_\_\_\_ animals such as black rhinos, leatherback turtles, and saola.
6. UFO, which means flying saucer, is the abbreviation for \_\_\_\_\_ Flying Object (IDENTIFY)
7. 95% of the atmosphere on Mars is carbon dioxide, which is \_\_\_\_\_ to breathe. (POISON)
8. NASA has found out that Kepler-62e has some \_\_\_\_\_ to Earth. (SIMILAR)
9. Do you think astronauts feel a great sense of \_\_\_\_\_ when they travel alone in space? (LONELY)
10. NASA scientists believe the \_\_\_\_\_ of alien life is not that far away from Earth. (EXIST)

**V. Choose the word given in the box to complete the passage.**

### The Moon

The Moon revolves once on its \_\_\_\_\_ each time it orbits the Earth, thus always presenting the same face to earthbound observers. \_\_\_\_\_ even to the unaided eye, this unchanging face shows two contrasting \_\_\_\_\_ of landscape dark, plain-like \_\_\_\_\_ of low relief, and brighter, decidedly more rugged regions which \_\_\_\_\_ about two-thirds of the \_\_\_\_\_. Early, astronomers mistakenly \_\_\_\_\_ to the smooth dark areas as marine (or seas), giving the \_\_\_\_\_ terrace (or land) to the bright upland regions. The \_\_\_\_\_ have persisted since, even though the Moon's surface has long been known to be \_\_\_\_\_ waterless.

**VI. Read this story and fill in each gap with a suitable word below.**

spend      dark      named      breathe      temperature  
surface      underground      smaller

### LIFE ON NEPTUNE

Hi. We are from Neptune, the eighth planet from the Sun in the Solar System. Our planet is (1) after the Roman god of the sea. The climate here is very unfriendly, with a (2) of around -300 degrees Celsius, and the winds are very strong. Actually, we have a lot of storms here. Everything is freezing on the (3) of Neptune, so, of course, we don't have liquid water. To be able to survive here, we have to build all of our cities (4) , a hundred kilometers beneath the surface. Luckily, we don't have Neptune-quakes!

Our life here is very different from your life on earth. Because it's extremely (5) underground, we have a very good lighting system on round the clock. Every day we need only three hours for sleep, four hours for work, and the rest of the day we (6) on our leisure activities. So life is relaxing. Most of us like traveling to new cities for new experiences. Although we are (7) than you in size, we can move very fast. In fact, we have wings, so we can fly. Thus, we don't suffer heavy traffic like on your earth. We don't (8) oxygen either, but we live on hydrogen.

## **VII. Read the text and decide if the statements are T(true) or F(false)**

Long ago, people thought the Moon was a god and we would never be able to reach it. However, the invention of telescopes in 1608 enabled people to learn that the Moon is just another planetary body. And mankind's dream of walking on the Moon suddenly seemed possible.

The dream came true on July 20th, 1969 when Neil Armstrong, Buzz Aldrin, and Michael Collins flew to the Moon as part of the Apollo 11 lunar mission. Neil Armstrong was the first to step onto the Moon. After admiring the tranquil, desolate beauty of the Moon's surface, Neil Armstrong and Buzz Aldrin completed their mission, while Collins stayed in orbit to maintain the systems on board the spacecraft.

During the stay of more than twenty-one hours on the Moon's surface, the astronauts found no rain or wind at all. The Moon was like a desert with plains, mountains, and valleys. The surface was covered with dust, which was so thick that they left footprints where they had



walked. They left a United States of America flag there and return to Earth with forty-six pounds of moon rock for scientific study.

1. People have known all about the Moon for thousands years
2. The invention of telescopes helped people to understand that the Moon is not a god.
3. Only Neil Armstrong and Buzz Aldrin stepped onto the Moon.
4. The climate on the Moon was unfriendly, with a lot of rain and wind.
5. The astronauts stayed on the Moon for nearly one day.
6. They brought back dirt and rocks as souvenirs.

### **VIII. Turn these sentences into reported speech**

1. "What subject do you find the most difficult?" My mother asked.

My mother asked

2. "Please repeat what you have said," she asked John.

She asked John

3. "Do you speak any other languages?" Mr. Baker asked me.

Mr. Baker asked

4. "Close the door, please! It's very noisy."

She told us

5. "Where can I buy a phone card in this city?" he asked.

He asked me

6. "I think residents from Venus have big eyes and round faces." Sally said.

Sally thought

7. "I believe those aliens can understand all languages humans speak." Jane added.

Jane believed that

8. "How can the people from Venus travel around?" Tom asked.

Tom asked

9. "How do you think people on Venus communicate?" Edward asked his friend.

Edward asked his friend

10. "Will those people become good friends with humans?" Nick asked his teacher.

Nick asked his teacher

**IX. Turn these sentences into direct speech from reported speech.**

1. The boss asked me how many languages I could speak.

2. My friends wanted to know if he would stay there with me some more days.

3. I wondered if they were going to build a new school in that area the following year.

4. They wanted to discover what made the new land different from others.

5. People wondered why the security of the earth would be threatened.

6. We asked the aliens which cities they would visit the following month.

7. Hoa asked me whether I had been leaving the spaceship at 3 o'clock the day before.

8. The reporter wanted to know why I hadn't taken a picture when I had seen the UFO.

9. I asked Ms. Gray if she could speak Martian language.

10. She asked Mr. Armstrong how long he had worked on space projects.

**X. Imagine you have been to the Moon and met a resident of it. Write a letter to your friend and describe the person you met.**

Dear Dean,

It's great to know that you travelled to Mars during your summer vacation. We also had a memorable time on the Moon. We were lucky to meet some of the residents there. They are

Hope to see you soon to show you the pictures we took there.

Love, Tom