

Unit 10

SPACE TRAVEL

VOCABULARY

Astronomy and space travel

PRONUNCIATION

Continuing or finishing tones

GRAMMAR

- Past simple and past perfect: review
- Defining relative clauses

SKILLS

- Reading for specific information about two famous astronauts' space travel
- Talking about space travel history and discussing the skills needed to become an astronaut
- Listening for general and specific information about some space tourism services
- Writing a short paragraph using advertising language

COMMUNICATION

Talking about life on a space station

I. Choose the word (A, B, C or D) whose stress is different from the others.

1. A. maintenance B. universe C. commercial D. altitude
2. A. habitable B. astronomy C. ordinary D. meteorite
3. A. collaborate B. parabolic C. atmospheric D. mathematics
4. A. internationally B. approximately C. obediently D. harmoniously
5. A. astronaut B. satellite C. galaxy D. detergent

II. Choose the word (A, B, C or D) whose underlined part is pronounced differently.

1. A. comparable B. habitable C. parabolic D. personable
2. A. ununiverse B. commercial C. detergent D. cosmonaut
3. A. station B. official C. confusion D. construction
4. A. telescope B. satellite C. assignment D. nationwide
5. A. derivative B. roller-coaster C. mathematics D. variety

III. Choose the correct form of the words (A, B, C or D) to complete the sentences.

1. Saturn has the most _____ satellite system yet found among the eight planets of our solar system.
A. extend B. extended C. extensive D. extension
2. Copernican system is an _____ model in which the Earth rotates around the Sun.
A. astronomy B. astronomical C. astronomer D. astronaut
3. He has to experience _____ before becoming a professional astronaut.
A. micro gravity B. micro gravitation
C. macro gravity D. macro gravitation
4. Pham Tuan was the first Vietnamese _____ to fly into space.
A. astronomy B. astronomic C. astronomer D. astronaut
5. This is a picture of a meteorite I took at the _____ museum.
A. astronomic B. astronomy C. astronautic D. astronaut

IV. Choose the best word or phrase (A, B, C or D) to complete each sentence.

1. Yuri Gagarin was the first person _____ into space.
A. travelling B. travelled C. to travel D. has travelled
2. More than one-third of Saturn's satellites _____ in the past twenty years.
A. has been discovered B. have been discovered
C. have discovered D. had been discovered
3. Jupiter gives off twice as _____ heat as it receives from the sun.
A. much B. many C. more D. most
4. It is merely of the universe an optical illusion of the moon _____ appears considerably larger than it does.
A. who B. whose C. whom D. which
5. All the planets rotate around the sun _____ a counterclockwise direction.
A. in B. with C. to D. at
6. A spacecraft is designed _____ a crew into interstellar space.
A. carry B. carrying C. to carry D. carried

7. The temperature inversions often occur when _____ in the late afternoon.
- A. the earth's surface is cooled B. the earth's surface is cooling
C. the surface of earth cooled D. cooling the earth's surface
8. Before man _____ in space, it _____ that his physical and mental capabilities might be affected by a long period of weightlessness.
- A. had flown/was thought B. flew/was thought
C. had flown/were thought D. was flown/was thought
9. Rosetta is a(n) _____ -breaking space mission to land on a comet.
- A. land B. soil C. ground D. earth
10. Physicists are scientists _____ study matter and energy as well as their patterns of interaction.
- A. who B. whom C. whose D. which
11. Scientists hope that we can find another planet to _____ human life.
- A. contain B. distribute C. contribute D. accommodate
12. When will humans be able to travel from one planet to _____ more easily?
- A. other B. others C. the other D. another
13. They asked me which space craft _____ the first to explore Mars.
- A. is B. was C. has been D. had been
14. The climate on the other planets is very different _____ that on Earth.
- A. from B. with C. to D. on
15. The climate on Mars is unsuitable _____ human life.
- A. to B. for C. with D. of

V. Choose the best response (A, B, C or D) to complete each conversation.

1. - I hope to travel into space one day.

- _____

- A. Make sure you have enough money.
B. Do you know Kepler spacecraft?
C. Scientists will find a planet suitable for human life in the future.
D. America has launched a lot of satellites into space.

2. - Look! A photo of a meteorite!

- _____

- A. Is nothing cheaper than it?
- B. It must have been painted years ago.
- C. How weight is it?
- D. You look so excited with it.

3. - _____

- Let's go to the universe exhibition.
- A. Where can we find another planet that can support life?
- B. Do you know the name of this satellite?
- C. I wish I could see planets and stars.
- D. This meteorite looked like a piece of rock.

VI. Read the passage and choose the correct answers (A, B, C or D) to fill in the blanks.

An astronaut is a 1. _____ professional who serve as a crew member on spacecraft. So what does it take to become an astronaut? To be considered for joining an astronaut program, you're required to have certain skills and characteristics. First, a Bachelor's 2. _____ in related fields such as engineering, space science or physics is required. 3. _____ do you need to have the right education, your body also needs to be fit and healthy. Diseases such as heart condition can rule 4. _____ a candidate. Currently, NASA, America's space agency, doesn't require that their astronauts have pilot experience; however, flying experience will give you an advantage over the others. After 5. _____, candidates have to train for at least two years before they can officially become an astronaut.

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|----------------------|-------------------|-----------------|-----------------|
| 1. A. trained | B. training | C. trainer | D. trainee |
| 2. A. degree | B. certificate | C. license | D. standard |
| 3. A. However | B. In spite of | C. Not only | D. No sooner |
| 4. A. off | B. out | C. up | D. in |
| 5. A. to be choosing | B. being choosing | C. being chosen | D. to be chosen |

VII. Read the passage and choose the correct answers.

NASA's Apollo program is regarded as one of the greatest science missions in human kind's history. One of the most notable missions is Apollo 13, the third manned mission to the Moon. The objectives were to land on the Moon then safely return to the Earth. During the mission, the crew including three American astronauts was to study the Moon by carrying out experiments, taking samples and photographs. However, 56 hours after launching on the evening of 11th April 1970, an oxygen tank exploded severely damaging the spacecraft in the process. The landing was aborted, instead the crew decided to swing round the Moon and return to the Earth. Despite the limited oxygen, power and the lack of heat, three crew members of the Apollo 13 mission came back home safely.

1. What is NASA's Apollo program regarded?
 - A. One of the greatest science missions in human kind's history.
 - B. The greatest science mission in human kind's history.
 - C. One of the most notable missions in human kind's history.
 - D. The most notable missions in human kind's history.
2. Where was the Apollo sent to?
 - A. The Earth.
 - B. The Mars.
 - C. The Saturn.
 - D. The Moon.
3. How many astronauts were included on the crew of the Apollo 13 mission?
 - A. 2 astronauts.
 - B. 3 astronauts.
 - C. 4 astronauts.
 - D. 5 astronauts.
4. What happened on the evening of 11th April 1970?
 - A. An oxygen tank exploded.
 - B. The crew launched.
 - C. The crew came back to the Earth.
 - D. The crew landed on the Moon.

5. How were the members of the Apollo 13 mission?

- A. They were severely injured.
- B. They couldn't come back to the Earth.
- C. They came back to the Earth safely.
- D. They couldn't land on the Moon safely.

VIII. Choose the underlined word or phrase (marked A, B, C or D) in each sentence that needs correcting.

1. Ancient people believe that the Sun and stars rotate around the Earth.

A B C D

2. You can have a great experience to watch the stars with a telescope.

A B C D

3. A dwarf is neither a planet or a natural satellite.

A B C D

4. *Avatar* is one of the famous films about the life in a planet far away from our Earth.

A B C D

5. Venus is the only planet in the solar system having no nature satellites.

A B C D

6. Astronauts living on a space station wash their hair with a "rinse" shampoo that does not need water.

A B C D

7. In 1957, the Russian dog Laika became the first animal to orbit Earth on a spacecraft.

A B C D