

UNIT 10

SPACE TRAVEL

B. EXERCISES

I. Choose a word in each line that has different stress pattern:

1. A. universe B. satellite C. experience D. meteorite
2. A. spacewalk B. trainee C. object D. private
3. A. impressive B. commercial C. profession D. altitude
4. A. parabolic B. astronomy C. experiment D. collaborate
5. descend B. explore C. surface D. approach

II. Insert the rising or falling arrows into the boxes to show the continuing or finishing tones, write R for the rising and F for the falling

1. The eight planets in the solar system are Mercury _____, Venus _____, the Earth _____, Mars _____, Jupiter _____, Saturn _____, Uranus _____, and Neptune _____.
2. The space stations which have operated are Salyut _____, Skylab _____, and the ISS _____.
3. There are five laboratory modules on the ISS: two Russian Mini Research Modules _____, the US lab Destiny _____, the European Columbus _____, and the Japanese Kibo _____.
4. China has launched its satellite Dong Fang Hong _____, its manned spacecraft Shenzhou _____, and its space lab Tiangong _____.
5. John Glenn, the first American in orbit _____ and the oldest astronaut _____, was a pilot _____, an engineer _____, an astronaut _____, and a politician _____.

III. Match the words in the left column to the definitions in the right column :

Words	Definition
1. telescope	A. A piece of rock or metal that has fallen to the earth's surface from outer space.
2. spacecraft	B. a large cylinder-shaped object that moves very fast by forcing out burning gases, used for space travel or as a weapon.
3. satellite	C. A person who travels into space from Russia.
4. meteorite	D. A scientist who studies the universe and objects existing naturally in space.
5. planet	E. A system of millions or billions of stars, together with gas and dust, held together by gravitational attraction.
6. cosmonaut	F. A large round object in space that moves around a star (such as the sun) and receives light from it.
7. universe	G. An optical instrument designed to make distant objects appear nearer.
8. rocket	H. An artificial body placed in orbit around the earth or another planet in order to collect information or for communication.
9. galaxy	I. The whole of space and anything in it, including the Earth, the planets, and the stars.
10. astronomer	J. A manned or unmanned vehicle designed to orbit the earth or travel to celestial objects for the purpose of research, exploration, etc.

IV. Complete the sentences with the words from the box. Use each word once only :

astronaut astronomy comet float launch
microgravity mission operate orbit spacesuit

1. The _____ of Apollo 11 was to land two men on the lunar surface and return them safely to Earth.
2. Was Vietnam's first telecom satellite Vinasat-1 put into _____ on April 18th, 2008 ?
3. Sally Ride became the first American woman _____ to fly in space in 1983 when she was 32 years old.
4. In _____, astronauts can move things that weigh hundreds of pounds with just the tips of their fingers.
5. Quang is interested in _____. He can spend hours studying the sun, moon, stars, and planets.
6. The tail of a _____ can extend over 84 million miles, nearly the distance between the Earth and the sun.
7. The _____ of Apollo 13 was delayed from March 12th to April 11th, 1970 to give the new prime crew more time to train.
8. People _____ in space because there is no gravity to pull them towards anything.
9. This _____ was worn by astronaut Neil Amstrong, the first human to set foot on the Moon.
10. The mission not only taught NASA about Venus but also how to _____ a spacecraft far from Earth.

V. Fill in each blank in the sentences with the correct expression from the box, using the correct word form

everything under the sun live on another planet come back down to earth
once in a blue moon out of this world over the moon
the sky's the limit reach for the stars

1. I _____ on my first Monday back to school after my holiday in Nha Trang.
2. "That's the coolest thing I've ever seen. It's really _____".
3. For people who work hard at this company, _____.
4. Dan: Do you like to drink tea? Ben: I love coffee, but I only drink tea _____.
5. She wasn't listening to me at all. Sometimes I think she's _____.
6. Joan was _____ when she found out she was going to be a grandmother.
7. If you _____, all of your dreams will come true.
8. She's very intelligent and knowledgeable. She can talk about _____.

VI. Complete the text with the words in the box:

Mission control atmosphere orbit mission
crew Station satellite astronauts

Space disasters

On January 28, 1986, the space shuttle challenger was launched with a (1) _____ of seven on board. Its (2) _____ was to carry a (3) _____ that would orbit the Earth. But just 73 seconds after leaving the ground, it lost contact with (4) _____ and exploded, killing all seven (5) _____.

On February 1, 2003, the space shuttle Columbia broke into small pieces as it re-entered the Earth's (6) . It was returning from the International Space (7) , which is in (8) around the Earth.

VII. Put the verbs in brackets in the past simple tense or past perfect tense

1. Neil Amstrong and Buzz Aldrin (collect) some moon dust samples before they (return) to Earth.

2. By the time Yang Liwei (become) the first person sent into space by the Chinese Space Program in 2003, NASA already (send) over 100 people.

3. After the spaceship Soyuz 37 (be) in orbit around the Earth, Pham Tuan and Viktor Gorbatko (conduct) some experiments.

4. When we (arrive) in Kennedy Space Center, the space shuttle already (launch) into space.

5. Dennis Tito had already (complete) 900 hours of training by the time he (fly) into space in 2001.