TEST FOR UNIT 10

I. Choose the word whose underlined part is pronounced differently from the others.

1.	a. meteorite	b. satellite	c. tiny	d. gravity
2.	a. planet	b. astronaut	c. astronomy	d. satellite
3.	a. landed	b. orbited	c. excited	d. attached
4.	a. missions	b. telescopes	c. rockets	d. baths
5.	a. moon	b. flood	c. shampoo	d. food

II. Choose the word that has the stress different from the rest.

1.	a. astronomy	b. meteorite	c. altitude	d. habitable
2.	a. swallow	b. spacewalk	c. rocket	d. descend
3.	a. microgravity	b. maintenance	c. parabolic	d. atmospheric
4.	a. weightlessness	b. collaborate	c. harmonious	d. adventure
5.	a. cosmonaut	b. satellite	c. engineering	d. universe

III. Does the voice go up or down on the underlined words/ phrases? Draw rising or falling arrows above each word/phrase.

1. From the balcony, I can see a small blue house, a paddy field, some buffalos and farmers.
2. The four closest planets to the Sun are Mercury, Venus, Earth and Mars.
3. To make this cake, you need milk, flour, eggs and sugar.
4. After graduating, he challenged himself by working as a translator, teacher and waiter.
5. On the trip to Ha Long Bay, I only carried money, sun cream, clothes and a hair comb!
6. - What do you often do in your free time?
   - I often listen to music, read book, watch film and hang out with my friends.
7. - Where will you travel next year?
   - I will go to Bali, Thailand and Taiwan.
8. - Which flowers did you plant in the garden?
   - I planted rose, orchid, jasmine and daisy.

IV. Choose the best answer a, b, c or d to complete the sentence.

1. It is predicted that humans will fly to Mars _____ a discovery mission.
   a. with b. on c. under d. for
2. There have been no manned missions to the moon's surface _____ 1972.
   a. since b. in c. for d. from
3. Mars might have been _____ between 3.8 and 3.1 billion years ago.
   a. habitat b. habitual c. habitable d. habitation
4. Edwin Hubble was the astronomer for _____ the Hubble Space Telescope is named,
   a. which b. who c. that d. whom

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5. _____ water does not flow in a zero-gravity environment, the astronauts cannot wash their hands under a faucet.

a. Although b. If c. When d. Since

6. There are now countless _____ orbiting the earth for telecommunications, and other purposes.

a. spacecrafts b. rockets c. satellites d. telescopes

7. Microgravity is the condition _____ people or objects appear to be weightless.

a. which b. where c. whose d. in which

8. I'm very careful about what I eat so it's only _____ I eat fast food.

a. over the moon b. once in a blue moon

c. out of this world d. the sky's the limit

9. The man sitting next to me on the plane _____ very nervous because he _____ before.

a. was - never flew b. had been - didn't fly

c. had been - hadn't flown d. was - had never flown

10. "Do you think we will travel to Mars in 15 years?"

"_____ But there's positive signs."

a. I'm not so sure. b. Sounds interesting!

c. It's wonderful. d. Yes, why not?

V. Write the correct form or tense of the verbs in brackets.

1. Helen Sharman _____ (send) to the Mir space station in May 1991.
2. A total of six US missions _____ (land) men on the lunar surface by the end of 1972.
3. Yuri Gagarin _____ (become) the first person in space when he _____ (orbit) the Earth in a Vostok spacecraft on April 12,1961.
4. SpaceX _____ (send) three tourists on a 10-day trip to the ISS sometime in late 2021.
5. While she _____ (work) last week, the astronaut _____ (realize) that she _____ (need) a medium - size suit for spacewalking.
6. _____ (you/ ever/ wonder) what it would be like to live on the moon?
7. In 22 years, Columbia _____ (fly) 27 space flights before disaster _____ (strike) on the 28th mission.
8. NASA announced that it _____ (open) the International Space Station to private individuals as soon as next year.
9. Apollo 11 was the first manned mission _____ (land) on the Moon.
10. The centripetal force keeps the planets _____ (move) in their orbits.

VI. Write the correct form of the words in brackets.

1. The first _____ to study the surface of Mars was Galileo Galilei. (astronomy)

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2. A Mars _____ is a place that humans can live in on Mars. (habitable)
3. The space tourists will spend two days traveling to and from the _____ space station. (orbit)
4. The sensation of _____ , or zero gravity, happens when the effects of gravity are not felt. (weigh)
5. The astronauts are performing NASA's first routine _____ outside the International Space Station. (maintain)
6. On 5 October 1957 the Soviet Union _____ in putting the first man made satellite into orbit around the Earth. (success)
7. The astronauts from many nations worked _____ together to accomplish their work. (harmony)
8. One of the basic _____ to join NASA is American citizenship. (require)
9. John Young was one of NASA's most _____ astronauts and the first astronaut to fly into space six times. (experience)
10. The Apollo 11 moon landing was a _____ achievement. (history)

VII. Mark the letter A, B, C or D to indicate that underlined part that needs correction in each of the following sentences.

1. Astronauts flying modern space shuttle missions now eat many of the same food as
   A B C
   they eat on Earth.
   D
2. Some of the methods used in advertising is unethical and unacceptable in today's society.
   A B C D
3. The Sputnik program was the world's first successful one that launch a rocket, a
   A B
   living being, and a human into Earth orbit.
   C D
4. Astronaut candidates whose are in their 30s and 40s can apply to become a NASA
   A B C D
   astronaut.
5. Sputnik 1, named of the Russian word for "satellite," was launched by the Soviet
   A B C
   Union on October 4,1957.
   D
6. While being an astronaut is a prestigious job, candidates often leave flourishing careers
   A B
   to do a trip into space.
   C D
7. NASA has sent many different types of animals in space over their history, including
   A B C D
   monkeys, dogs, tortoises, mice, and insects.
8. The Apollo 11 mission remains wide celebrated as it approaches its 50^{th} anniversary in 2019.

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A B C D

9. Even though Mercury is the closest planet to the Sun, it is not actually the hotter.
   A B C D
10. Spacesuits allow astronauts work outside a spacecraft in orbit, on the moon or on another planet.
    A B C D

VIII. Match a sentence in column A to a response in column B.

A	B
1. Who was the first person to walk on the moon?	a. The sulfur atmosphere and temperature are unfavorable.
2. What is the name of the first satellite sent into space?	b. Space tourism is definitely coming and we're very, very close to it.
3. What is another name for Mars?	c. Yuri Gagarin.
4. Why can't astronauts go to Mars yet?	d. Sputnik.
5. When could humans be leaving their footprints on Mars?	e. 108 minutes.
6. Who was the first human to orbit the Earth?	f. Neil Armstrong.
7. How long did Gagarin orbit the Earth on his first mission?	g. Yes, I bet it would be very funny.
8. What is the farthest distance from Earth a manned mission has traveled?	h. The Red Planet.
9. Do you want to travel in the outer space?	i. 248,655 miles.
10. Do you think space is the future of travel?	j. Within the next few decades, according to NASA.

IX. Complete the conversation with the phrases or sentences from the box.

at times	That's great!	be in shape	It's up to you.

Alex: When I grow up, I want to be an astronaut.

Mom: You can be whatever you want. (1) _____ If you decide to be an astronaut, you'll need a lot of years of training. Preparing to be an astronaut is a lot of work.

Alex: Really?

Mom: Yes. Most astronauts begin their careers as pilots, scientists, or engineers. It takes years to study for those careers, (2) _____ the years of training to become an astronaut.

Alex: It looks like a fun job though.

Mom: I'm sure it is exciting (3) _____ . You also have to (4) _____ other people. Astronauts live and work in small spaces with other people.

Alex: That's not a problem.

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Mom: Finally, you have to (5) _____ . You have to exercise and eat healthy so that you'll be physically fit enough to be an astronaut.

Alex: I'll eat my broccoli (6) _____ so that I can be healthy.

Mom: (7) _____

X. Choose the correct answers to complete the passage.

Space travel for human beings did not develop until several centuries later when, in 1961, Russian Yuri Gagarin became the first person to (1) _____ the Earth. The next major (2) _____ in space travel came in 1969 when the three-man Apollo 11 mission landed on the moon - resulting in the first humans (3) _____ walked on the moon!

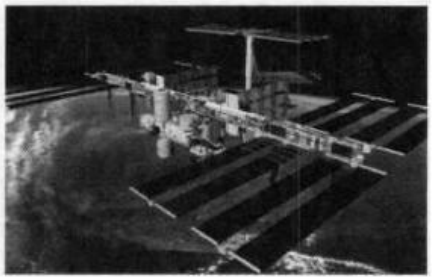
Soon (4) _____ the Russians and Americans sent people into space, engineers also started working on spacecraft that would house astronauts for longer periods (5) _____ they could plan for extended trips and (6) _____ scientific experiments. These predecessors to the International Space Station include the Apollo-Soyuz, the first international (7) _____; Skylab, the first American craft for long-term use, and Mir, the Russian space station that held international scientists during 1986 to 1996.

Unmanned spacecraft are an (8) _____ part of the discovery of our solar system and beyond. Some satellites observe the Sun, solar system, and the universe (such as the Hubble telescope or Viking, the Mars probe), and other satellites observe our planet from (9) _____ (for weather forecasting, etc.). Still other satellites observe and sample specific environments or are used (10) _____ for the purpose of benefiting humanity (like GPS and communication).

1.	a. rotate	b. surround	c. orbit	d. explore
2.	a. development	b. exploration	c. milestone	d. mission
3.	a. which	b. whose	c. whom	d. who
4.	a. when	b. upon	c. about	d. after
5.	a. provided that	b. so that	c. since	d. when
6.	a. gain	b. take	c. make	d. perform
7.	a. spacecraft	b. spacewalk	c. spaceline	d. space flight
8.	a. interesting	b. active	c. integral	d. effective
9.	a. above	b. abroad	c. outside	d. beyond
10.	a. exactly	b. solely	c. broadly	d. properly

XI. Read the text and do the tasks.

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THE INTERNATIONAL SPACE STATION

The International Space Station (ISS) is the largest structure humans have ever put into space. This gigantic satellite is used both as a laboratory for new technologies and an observation platform for astronomical, environmental and geological research. It is a permanently occupied outpost in outer space and it is considered to be an important **stepping-stone** for further space exploration.

The space station flies at an average altitude of 400 kilometers above the Earth and it circles the globe every 90 minutes at a speed of about 28,000 kilometers per hour, which means that in just one day, the station travels about the distance it would take from Earth to the moon and back. It also means that astronauts on board the ISS get to see a sunrise every one and a half hour.

Five different space agencies representing 15 countries built the International Space Station for no less than 100 billion dollars. The primary partners on the project are NASA, Russia's Roscosmos State Corporation for Space Activities, the European Space Agency, the Canadian Space Agency and the Japan Aerospace Exploration Agency.

The International Space Station was taken into space piece-by-piece, which means that consists of modules and connecting nodes that contain living quarters and laboratories powered by solar panels. The first module, the Russia Zarya, was launched in 1998. Since then, a number of different modules have been added, extending the ISS one piece at a time. The space station spans the area of a U.S. football field, and weighs 391,000 kilograms. The complex now has more living space than a conventional five-bedroom house, and has two bathrooms and gym facilities and a 360-degree bay window. Astronauts have also compared the space station's living space to the cabin of a Boeing 747 jumbo jet.

A. Decide whether the following sentences are true (T) or false (F).

1. The ISS is a habitable artificial satellite that is placed into orbit.
2. Once on the ISS, scientists can make astronomical observations.
3. The ISS's low Earth orbit is about 400 kilometers above sea level.
4. It takes 45 minutes for the ISS to make one complete turn around the Earth.
5. The ISS includes contributions from 15 nations.
6. Approximately 100 billion dollars were spent for the construction of the ISS.
7. The ISS was built on the ground and then launched into space in one go.
8. The ISS covers an area as big as a football field and weighs almost 400 tonnes.

B. Choose the correct answer.

1. What does the passage mainly discuss?

   a. The functions of the ISS
   b. The launch and structure of the ISS
   c. The origin of the ISS
   d. General information about the ISS

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2. In one day the station travels _____.

a. approximately the distance it would take from Earth to the moon

b. twice the distance it would take from Earth to the moon

c. exactly the distance it would take from Earth to the moon

d. less than the distance it would take from Earth to the moon

3. What does the phrase "stepping-stone" in the first paragraph mean?

a. piece of rock b. way of success c. means of progress d. step forward

4. According to the passage, the International Space Station _____.

a. is a joint project between five participating space agencies

b. is worth less than $100 billion

c. was built by astronauts from 15 different countries

d. is primarily operated by the United State (NASA)

5. All the following statements are true EXCEPT _____.

a. The ISS was constructed and assembled module by module.

b. The construction of the ISS was started in 1998.

c. The ISS has the volume of a five-bedroom house.

d. The ISS is around the size of a Boeing 747 plane.

XII. Complete the second sentence so that it has a similar meaning to the first sentence, using the word in capital.

1. While we were going home, we saw a white bright light moving across the sky. (WAY)

→ We were _____

2. The children are always fascinated by space exploration movies and TV shows.(FIND)

→ The children _____

3. All the students are extremely excited as they are about to have a talk with astronauts from NASA. (MOON)

→ All the students are _____

4. Eric made breakfast and then phoned his friend Mark. (AFTER)

→ Eric _____

5. "Can you imagine how life on the ISS is?" she said to me. (IF)

→ She asked me_____

6. She is reading a book. The book is about the first Asian to travel into space. (WHICH)

→ The book _____

7. It's a pity we don't have a telescope to watch the stars. (WISH)

→ I _____

8. My brother isn't allowed to enter the museum because he is under 13. (WERE)

→ If _____

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9. "Don't watch late-night horror film," I warned them. (NOT)

→ I warned _____

10. The maid was cleaning my hotel room when I came in. (BEING)

→ My hotel _____

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