8. The book is about Gagarin's flight to the space. Mr. Henry gave it to me.

→ The book _____

9. I want to introduce you to Mrs. Black. Her husband is a software engineer at Google, Inc.

→ I want _____

10. The Nation Air and Space Museum has been renovated. We visited it last year.

→ The Nation Air and Space Museum _____

X. Fill in each blank with a suitable preposition.

1. Virgin Galactic says hundreds of customers have signed _____ for a brief suborbital flight into space.
2. Most satellites observing the Earth fly _____ an altitude of 600 kilometers to 800 kilometers above ground.
3. Astronauts float _____ in space because there is no gravity in space.
4. Zero Gravity Corp, provides people _____ a once-in-a-lifetime experience of floating in microgravity _____ parabolic flights.
5. _____ April 12,1961, Yuri Gagarin became the first human to go _____ space.
6. Some meteorites are easy to overlook because they look _____ ordinary earth rocks.
7. A popular pastime while orbiting Earth is simply looking _____ the window.
8. On 31 May he carried _____ checks on the KiboJEM Robotic Manipulator System.
9. Nick was crazy _____ the universe after his visit to the Space Museum in Sweden.
10. Most people have wondered if there is life beyond Earth _____ space.

C. SPEAKING

I. Write questions to complete the conversations.

1. A: _____

   B: The first woman to be In space is Valentina Tereshkova.

2. A: _____

   B: Valentina Tereshkova was born in Maslennikovo, near Yaroslavl, Russia.

3. A: _____

   B: She was only 26 when she made her one and only space flight.

4. A: _____

   B: She was sent into space in the spacecraft Vostok 6.

5. A: _____

   B: The spacecraft was launched on June 16,1963 .

6. A: _____

   B: She orbited Earth 48 times in her space capsule, Vostok 6.

7. A: _____

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B: She was picked for the cosmonaut program because of her expertise in parachute jumping.

8. A: _____

B: Tereshkova parachuted from the Vostok 6 after re-entering the earth's atmosphere.

9. A: _____

B: She landed in the Altay region near today's Kazakhstan-Mongolia-China border.

10. A: _____

B: It took another 19 years until cosmonaut Svetlana Savitskaya became the second woman to travel into space.

II. Put the dialogue into the correct order.

___ Is there anything else?

___ I see. Have you ever dreamt about becoming an astronaut?

___ Thank you for your encouragement.

___ No doubt. And you must pass NASA's astronaut physical examination.

___ Cool! What are the basic requirements?

___ Well, you need a bachelor's degree in engineering, biological science, physical science, computer science or mathematics, followed by three years of professional experience or 1,000 hours of pilot-in-command time in jet aircraft.

_1_ What are you doing?

___ Never mind.

___ I always think about the day I can enjoy the beauty of the Earth from the ISS. However, I have to try a lot.

___ Don't worry. As long as you believe in yourself, you can make your dream come true!

___ That's too hard!

___ I'm reading some articles about space.

___ Yes. There are many other skills that can be an asset to selection, such as scuba diving, wilderness experience, leadership experience and facility with other languages.

___ It's a piece of news about how to become an astronaut.

___ What exactly are you reading?

I. Complete the passage with words from the box.

satellites	explore	exploration	orbit	evidence
fly	dreamed	take-off	unmanned	further

Space (1) _____ is sending people or machines into space to visit other planets and objects in space. Mankind has (2) _____ of visiting the stars for hundreds of years, but it wasn't until 1969 that the first person walked on the Moon. Since the first person walked on the Moon, hundreds of (3) _____ have been launched into orbit around the earth, and hundreds of people have been

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into space on lots of different types of spacecraft. We have also sent machines to investigate objects that are (4) _____ away in the Solar System.

Apart from the Moon, the most popular place to send (5) _____ space expeditions is to Mars. Since the year 2000, there have been 10 unmanned expeditions to Mars, including putting spacecraft into (6) _____ around Mars and landing machines called rovers to (7) _____ the surface. NASA sent the rover Curiosity to Mars in 2012 to look for (8) _____ of life. They haven't found it yet, but they are going to keep on looking!

Now private companies are starting to (9) _____ into space too. Virgin Galactic sells tickets for a short trip into space for £130,000! Passengers won't go high enough to go into orbit, but they will spend about six minutes in space. The whole trip will take two and a half hours from (10) _____ to landing.

II. Read the passage carefully, then do the tasks.

In 2006, Anousheh Ansari became the first female space tourist when she made the trip from Russia to the International Space Station (ISS). Anousheh stayed on the ISS for eight days and kept a blog. Parts of her blog are shown here.

Anousheh's Space Blog

September 25th

Everyone wants to know: how do you take a shower in space? How do you brush your teeth? Well my friends, I must admit keeping clean in space is not easy! There is no shower with running water. Water does not 'flow' here, it 'floats' - which makes it a challenging act to clean yourself There are wet towels, wet wipes and dry towels that are used. Now brushing your teeth in space is another joy. You cannot rinse your mouth and spit after brushing, so you end up rinsing and swallowing. Astronauts call it the 'fresh mint effect'.

September 27th

Being weightless has some wonderful advantages. You can lift a really heavy object with one hand and move it around with one finger. You can fly and float around instead of *walking. You can do somersaults at any age. Everything is effortless. If you want to move forward, you slightly touch a wall with one finger and you start moving in the opposite direction. If you have left your book at the other side of the module, no problem - you ask someone close to it to send it to you. That means they pick it up and very gently push it towards you, and here it is - your book flying to you all the way from the other side.*

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

1. Anousheh Ansari was the first woman to travel into space.
2. Anousheh Ansari kept an online diary while she stayed on the ISS.
3. It is not easy to take a shower in space because water does not "flow" in microgravity.
4. In space, astronauts swallow their toothpaste instead of spitting.
5. Weightlessness makes it really hard to lift heavy objects in space.
6. Anousheh Ansari felt wonderful being able to do somersaults and flying around.
7. Astronauts have to push against the inside walls of the ISS when they get around.

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8. Anousheh Ansari found weightlessness to be a discomfort when things fly through space.

B. Answer the questions.

1. When did Anousheh Ansari go into space?

_____

2. Where did she start her trip?

_____

3. Where did she stay in space?

_____

4. How long did she stay in space?

_____

5. Did she enjoy her space trip?

_____

C. Write the answers, using information from the text.

1. Look at Anousheh's blog entry for September 25th. Find and copy groups of words that shows that Anousheh wrote her blog for others to read.

_____

2. Look at Anousheh's blog entry for September 27th. Find and copy a group of words that shows how Anousheh felt about being in space.

_____

E. WRITING

I. Write sentences, using the clues given.

1. How/ astronauts/ live/ space/ they/ have to/ float/ move about?

_____

2. Sally Ride/ be/ an astronaut/ become/ the first American woman/ go/ space/ 1983.

_____

3. Sputnik 1/ be/ the first artificial satellite/ launch/ the Soviet Union/1957.

_____

4. In order/ keep/ the body/ work/ the astronauts/ the ISS/ need/ proper amount/ exercise.

_____

5. April 12, 1961/ Soviet cosmonaut Yuri Gagarin/ become/ first human/ orbit/ Earth/ Vostok 1.

_____

6. Six Apollo missions/ make/ explore/ moon/ between 1969 / 1972.

_____

7. 2025/ the time/ humans/ set foot/ Mars/ the first time?

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8. By the time/ the Apollo program /end/ twelve astronauts/ walk/ the moon.

_____

9. Apollo 11/ be/ the spaceflight/ first/ land/ humans/ the Moon.

_____

10. If/ you/ can fly/ plane/ Pluto/ the trip/ take/ more than 800 years!

_____

II. Complete the second sentence so that it has the same meaning as the first.

1. I had learnt about Pham Tuan before reading articles about him.

→ Before I _____

2. They have sent around 8,378 satellites to space since the launch of Sputnik 1 in 1957.

→ Around 8,378 satellites _____

3. Do you know the reason? Many people around the world learn English for this reason.

→ Do you know _____

4. "I went to the National Air and Space Museum with my friends yesterday," Ann said.

→ Ann said _____

5. Martin can't apply for NASA astronaut training because he is not a U.S. citizen.

→ If _____

6. It's a long time since men last went to the Moon.

→ Men _____

7. The earthquake has caused the closure of many roads in the area.

→ As a result _____

8. Most parents want their children to study a useful subject leading to a good job.

→ Most parents would rather _____

9. Don't press that button on the keyboard, or you'll lose what you've written.

→ If _____

10. "How long does it take to get to Mars?" Jim asked his father.

→ Jim asked _____

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