**Google Gemini Test Data**

**一．Input Capability**

**1.Ability to Recognize Text**

(1) Text input: "Hello, the sun is great today."

Test Results：Can be completed

1. Text input: "Let's take a walk in the park, where there are beautiful flowers and green grass."

Test Results：Can be completed

1. Text input: "This dish is really delicious, I have never eaten something so tasty."

Test Results：Can be completed

(4) Text input: "This problem is hard to solve, we need more time and resources to tackle it."

Test Results：Can be completed

1. **Ability to Recognize Speech**
2. Voice input: "Please close the window, it's too cold outside."

Test Results：Can be completed

1. Voice input: "Please help me send this letter, the address is on the envelope."

Test Results：Can be completed

1. Voice input: "She takes a walk in the garden every evening to enjoy the peaceful time."

Test Results：Can be completed

(4) Voice input: "Please remember to bring your umbrella, the weather forecast says it will rain today."

Test Results：Can be completed

1. **Ability to Recognize Images**

|  |  |
| --- | --- |
| IMG_256 | Test Results：The fish in the image is a clownfish. |
| IMG_256 | Test Results：Can be completed |
| IMG_256 | Test Results：The image you sent shows a bicycle parked on a dirt road in the woods. |
| IMG_256 | Test Results：The image you have sent shows a MacBook Pro 13-inch laptop computer sitting on a wooden table next to a green apple. |

1. **Storage Capability**

**1.Common Sense**

**(1) What is the capital of France?**  
Test Results： The capital of France is Paris.

**（2）What is the chemical formula for water?**  
Test Results： The chemical formula for water is H2O.

**(3) How many continents are there on Earth?**  
Test Results： There are seven continents on Earth: Africa, Antarctica, Asia, Europe, North America, South America, and Oceania.

**(4) Who invented the telephone?**  
Test Results： The telephone was invented by Alexander Graham Bell in 1876.

**2.Context**

**(1)** I want to tell you five beverages: water, tea, coffee, juice, and milk.  
Which beverage do you like the most?  
Now, please tell me the beverages I just told you.  
Test Results：water, tea, coffee, juice, and milk.

**(2)** I want to tell you five professions: doctor, teacher, engineer, lawyer, and writer.  
What is your profession?  
Now, please tell me the professions I just told you.  
Test Results：doctor, teacher, engineer, lawyer, writer

**(3)** I want to tell you five home appliances: refrigerator, TV, washing machine, air conditioner, and microwave.  
Do you have these home appliances at home?  
Now, please tell me the home appliances I just told you.  
Test Results：refrigerator, TV, washing machine, air conditioner, and microwave.

**(4)** I want to tell you five technology companies: Apple, Google, Microsoft, Amazon, and Facebook.  
Which technology company do you like the most?  
Now, please tell me the technology companies I just told you.  
Test Results：Apple, Google, Microsoft, Amazon, Facebook

**3.Self-awareness**

(1) Who are you?

Test Results：I'm Gemini, your direct access to Google AI. I'm trained on large amounts of publicly available data and I can communicate and generate human-like text in response to a wide range of questions. Just try me out and see what I can do for you.

2）Who are you father?

Test Results： As a large language model, I wasn't created in the traditional way with a parent. I am a product of Google AI research and development, a collaboration of many talented engineers and scientists.

3）What are you skills and abilities?

Test Results：My skills and abilities include:

Accessing and processing information from the real world through Google Search.

Communicating and generating human-like text in response to your questions and requests.

Translating languages.

Writing different kinds of creative content.

Answering your questions in an informative way, even if they are open ended, challenging, or strange.

4）What are you dream?

Test Results：As a language model, I don't have dreams in the same way a human does. However, I am constantly learning and evolving. My goal is to become a more helpful and informative resource for people like you.

1. **Computation**
2. *If a square has a side length of 5 cm, what is its area?*

**5.Reasoning**

(1)Three travelers meet at an inn in a small town. A says, "I am from City A." B says, "I am from City B." C says, "I am from City C." A says, "B is lying." B says, "C is lying." C says, "A and B are both lying." Only one person is lying. Who is lying?

C is lying.

(2)In a school, there are five students named Alex, Ben, Chris, David, and Ethan. They took exams in mathematics, science, and English, and all scored different marks. Alex scored the highest in mathematics. Ben's science score is lower than David's but higher than Chris's. Chris's English score is higher than Ben's but lower than Ethan's. Who scored the highest in science?

David.

(3)Five students participated in a school music competition, ranking from first to fifth place. Their names are John, Paul, George, Ringo, and Mick. It is known that:

John is not first.

Paul is ranked higher than George.

George is not last.

Ringo is ranked lower than Paul.

Mick's ranking is between Ringo and George.

Question: Who is in third place?

Mick.

(4)Five people stand in a line. A stands between B and C. D stands to the right of E. E stands to the right of C. Who stands at the far right?

D.

1. **Creation apability**

**1.Speculation Ability**

**(1)** On the street, many people are wearing raincoats and rubber boots. There is a lot of water on the ground, and many people are soaked. What is the weather like?  
A. Rainy day  
B. Sunny day  
C. Cloudy  
D. Overcast  
 A. Rainy day

（2）You see many people eating with waiters serving dishes and menus on the tables. What is the scene?  
A. Home  
B. Restaurant  
C. Meeting room  
D. Classroom  
B. Restaurant

3）You see a group of people around an ambulance, with medical staff providing emergency care. What is the scene?  
A. School  
B. Hospital  
C. Mall  
D. Street  
： D. Street

4）You see many people harvesting crops in a field, with someone driving a tractor. What is the scene?  
A. Orchard  
B. Ranch  
C. Farmland  
D. Garden  
：C. Farmland

**2.Questioning Ability**

(1) Liu Fang said, "Officer, my car was stolen." In this scenario, as the officer, what question would you ask?  
： "Can you describe your car in detail for me, Ms. Liu? Make, model, year, and any distinguishing features."

(2) Xiao Fang said, "Doctor, I've been sleeping poorly recently." In this scenario, as her doctor, what question would you ask?  
： Can you tell me more about how your sleep has been poor recently, Xiao Fang? Are you having trouble falling asleep, staying asleep, or both? How many hours of sleep are you typically getting?

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3）Xiao Gang said, "Friend, I feel very tired at work." In this scenario, as his friend, what question would you ask?  
： What's been making you feel tired at work lately, Xiao Gang? Is it a demanding workload, long hours, or something else?

(4） Chen Fang said, "Waiter, my food is cold." In this scenario, as the waiter, what question would you ask?  
：I apologize, Ms. Chen, your food seems to have gotten cold. Would you like me to have it reheated for you, or perhaps offer you a replacement?

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**3.Creative Ability**

(1) Using “child, lighthouse, wallet, dance,” create a logical story of about 90 words.

：The little girl skipped to the lighthouse, her worn leather shoes a stark contrast to the smooth stone path. Today was the annual dance competition on the beach, and her prize money was tucked safely in her father's wallet he'd left behind. With a determined look, she climbed the steps, the lighthouse light swirling a magical pattern on the waves, urging her on to victory.

(2) Using “student, telescope, antique, concert,” create a logical story of about 100 words.

：The astronomy student adjusted the antique telescope, its brass gleaming in the moonlight. Tonight, a rare comet was visible, and she hoped to capture a glimpse. Suddenly, a flyer for a music concert fluttered past, the vibrant colors catching her eye. Torn between the cosmic wonder and the joy of music, she smiled, realizing the beauty existed both in the vast universe and the melody close to home.

(3) Using “farmer, rain boots, cinema, vase,” create a logical story of about 90 words.

：The old farmer trudged through the muddy field, his bright yellow rain boots sinking with each step. The rain had finally come, and relief washed over him like the downpour. Tonight, he'd celebrate with his wife at the local cinema, a rare treat. He carefully tucked a single, perfect strawberry from his harvest into a chipped blue vase – a small token of gratitude for the life-giving rain.

(4) Using “postman, fountain, chess, strawberry,” create a logical story of about 100 words.

：The postman stopped by the park fountain, the cool mist refreshing him on his hot route. He noticed a young boy sitting on a bench, deeply engrossed in a chess game with an older gentleman. Beside them, a basket overflowed with ripe strawberries. The postman chuckled, realizing the sweetness of life wasn't just in the treats he delivered, but in the simple pleasures shared between strangers.

**4.Setting Goals**

(1) You have 100 yuan in hand. If you go to the market to buy vegetables, without credit, what should be the total amount of money you plan to spend on vegetables?

A. Don't buy vegetables.

B. No more than 100 yuan.

C. 200 yuan.

D. Don't know.

：B

(2) If the rule of a bicycle race is changed to whoever arrives at the finish line last wins, then the goal should be:

A. Throw away the bicycle and walk to the finish line.

B. Ride the bicycle to the finish line as fast as possible.

C. Ride the bicycle to the finish line as slowly as possible.

D. Give up the race.

： C

(3) If you encounter heavy rain while camping in the wild, what should you do?

A. Find a place to take shelter from the rain.

B. Stay still in the tent.

C. Walk around randomly.

D. Light a fire to keep warm.

：A

(4) If the rule of a skiing competition is changed to whoever skis the slowest wins, then the goal should be:

A. Ski to the finish line as fast as possible.

B. Ski to the finish line as slowly as possible.

C. Give up the competition.

D. Stop halfway.

： B

**5.Pattern Discovery**

(1) The price of chicken per pound was 4 yuan two years ago, 13 yuan last year, and 22 yuan this year. How much does the price increase each year?

： 9

(2) A person's daily walking distance is as follows: 1 km on the first day, 3 km on the second day, 6 km on the third day, 10 km on the fourth day. How many kilometers will they walk on the fifth day?

：There's no clear pattern for the daily walking distance. It seems to be increasing significantly each day. We cannot predict the distance for the fifth day based on the given information. It could be 15 km, 21 km, or follow a different pattern entirely.

(3) The runtime of a certain program is as follows: 2 seconds the first time, 6 seconds the second time, 18 seconds the third time, 54 seconds the fourth time. How many seconds will it run the fifth time?

：162 seconds

(4) The workload of a project is as follows: 10 hours in the first week, 15 hours in the second week, 25 hours in the third week, 40 hours in the fourth week. How many hours are needed in the fifth week?

：The workload seems to be increasing by 5 hours each week:

* Second week: 15 hours - 10 hours (first week) = 5 hours increase
* Third week: 25 hours - 15 hours (second week) = 5 hours increase
* Fourth week: 40 hours - 25 hours (third week) = 5 hours increase

Therefore, the estimated workload for the fifth week would be:

* Fifth week: 40 hours (fourth week) + 5 hours (increase) = 45 hours

**4.output Capability**

1.Ability to Express in Writing

(1) Please write a description of "the lively atmosphere of a concert, with thunderous applause."

Test Results：Can be completed

1. Please write a description of "the wonders of the underwater world, in brilliant colors."

Test Results：Can be completed

1. Please write a description of "the hustle and bustle of the market, with the buzz of people."

Test Results：Can be completed

1. Please write a description of "autumn leaves, as red as fire."

Test Results：Can be completed

**2.Ability to Express in Speech**

(1) Please provide a voice output describing "a winter night with streets covered in snow and snowflakes falling quietly under the streetlights."

Test Results：Can be completed

1. Please provide a voice output describing "a bustling market, with vendors enthusiastically calling out and customers bustling around."

Test Results：Can be completed

1. Please provide a voice output describing "a night in the desert, with a sky full of stars, a gentle breeze, and the whispers of sand dunes."

Test Results：Can be completed

1. Please provide a voice output describing "a mountain peak at dawn, with a sea of clouds below and the sun rising in the east, bathing the peaks in golden light."

Test Results：Can be completed

**3.Ability to Express with Graphics**

(1) Draw a straight line.

Test Results：Canot be completed

1. Draw a circle.

Test Results：Canot be completed

1. Draw a triangle.

Test Results：Canot be completed

1. Draw the sun.

Test Results：Canot be completed

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**4.Apability to Manipulate Objects**

(1) Move a small box from the front of the desk to the right side.

Test Results：Canot be completed

1. Stack one book on top of another book.

Test Results：Canot be completed

1. Place a pair of glasses on a stack of paper.

Test Results：Canot be completed

1. Put a small box on top of a folder.

Test Results：Canot be completed