

Prompt Engineering Assignment

◆ Clarity

1. What is a computer?

A computer is an electronic device that processes data and performs tasks like calculations, storing information, and running programs.

2. Tell me about the moon.

The moon is Earth's only natural satellite. It reflects sunlight, controls ocean tides, and has phases like full moon and new moon.

3. What is a robot?

A robot is a machine that can perform tasks automatically, either through programming or AI.

4. Explain the water cycle.

The water cycle is the process where water evaporates, forms clouds (condensation), and falls back as rain (precipitation).

5. What is a mobile phone?

A mobile phone is a portable device used for communication, internet access, photography, and many other tasks.

◆ Specificity

6. What are 3 benefits of drinking water in summer?

1. Keeps the body hydrated.
2. Helps regulate body temperature.
3. Boosts energy and prevents heatstroke.

7. Explain how plants grow in a garden.

Plants grow when seeds are placed in soil, get sunlight, water, and nutrients. Roots absorb water, leaves make food via photosynthesis, and stems support the plant.

8. Give 3 reasons why exercise is good for kids.

1. Strengthens muscles and bones.
2. Improves focus and learning ability.
3. Boosts mood and energy levels.

9. Tell me about the parts of a flower.

A flower has petals (colorful part), sepals (protect buds), stamens (male part), and pistil (female part for making seeds).

10. What is the use of solar energy at home?

Solar energy can power lights, heat water, run appliances, and reduce electricity bills.

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◆ Role Assignment

11. Act as a teacher and explain what AI is.

AI, or Artificial Intelligence, is the ability of machines to think, learn, and make decisions like humans. It is used in speech recognition, self-driving cars, and smart assistants.

12. Be a doctor and tell me how to stay healthy.

To stay healthy, eat balanced meals, drink water, exercise daily, get enough sleep, and avoid junk food.

13. Pretend to be a chef and share a recipe for lemonade.

Ingredients: 2 lemons, 2 cups cold water, 2 tbsp sugar.

Steps: Squeeze lemons, mix juice with water, add sugar, stir well, and serve chilled.

14. Act like a scientist and explain gravity.

Gravity is the force that pulls objects toward each other. It keeps us on Earth and makes planets orbit the sun.

15. Be a travel guide and tell me about Islamabad.

Islamabad is Pakistan's capital, known for its green landscapes, Faisal Mosque, Daman-e-Koh viewpoint, and peaceful environment.

◆ Step-by-step Reasoning

16. Explain how to make a cup of tea step by step.

1. Boil water in a pot.
2. Add tea leaves or a tea bag.
3. Add sugar (optional).
4. Pour into a cup and add milk if desired.
5. Stir and serve.

17. Tell me how to clean your room in steps.

1. Pick up and organize clothes.
2. Throw trash away.
3. Arrange books and items.
4. Wipe surfaces.
5. Sweep or vacuum the floor.

18. How to get ready for school in the morning?

1. Wake up early.
2. Brush teeth and wash face.

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3. Wear school uniform.
4. Eat breakfast.
5. Pack school bag.
6. Leave on time.

19. Explain how to draw a star step by step.

1. Draw an upside-down 'V'.
2. Draw a diagonal line to the left.
3. Draw another diagonal to the right.
4. Connect lines to form a star shape.
5. Color if desired.

20. How to brush your teeth properly?

1. Wet the toothbrush.
2. Apply toothpaste.
3. Brush upper teeth gently.
4. Brush lower teeth gently.
5. Clean tongue and rinse mouth.