AI Fundamentals for Young Minds

Artificial Intelligence · Answer Key · 12 Questions

1. What do computers use to learn how to identify pictures of cats?

A) Giant recipe books
B) Large amounts of data
C) Magic wands
D) Shiny batteries

2. Which part of a computer acts like a brain to process information?

A) The screen
B) The power cord
C) The CPU
D) The plastic case

3. What do we call the list of instructions that tells a computer what to do?

A) An algorithm
B) A bedtime story
C) A grocery list
D) A map

4. When a computer learns from information on its own, what is this called?

A) Daydreaming
B) Machine learning
C) Taking a nap
D) Recycling

5. What is the main physical part of a robot that helps it move around?

A) The memory stick
B) The motor
C) The keyboard
D) The mouse

6. In a voice assistant, what does the computer do first when you speak to it?

A) Draws a picture
B) Turns sound into digital code
C) Prints a book
D) Grows a plant

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7. What do computers use to 'see' and recognize objects in a room?

A) Magnifying glasses
B) Cameras
C) Flashlights
D) Mirrors

8. What is a 'chatbot' designed to do?

A) Clean your room
B) Cook dinner
C) Exchange text messages
D) Repair cars

9. What are the 'neurons' in an artificial neural network made of?

A) Metal wires
B) Math equations
C) Soft cotton
D) Hard wood

10. What is needed for a computer to translate one language into another?

A) A dictionary file
B) A loud microphone
C) A colorful screen
D) A physical pen

11. What do computers use to sort information into categories, like fruits or vegetables?

A) A paper shredder
B) Pattern recognition
C) A physical sieve
D) A calendar

12. Which of these is a real-world example of AI helping people?

A) Folding laundry
B) Predicting the weather
C) Walking the dog
D) Painting a fence

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