

# Introduction to Artificial Intelligence

Artificial Intelligence · Answer Key · 20 Questions

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## 1. What does the acronym AI stand for in technology?

- A) Automated Internet
- B) Artificial Intelligence**
- C) Advanced Invention
- D) App Icon

## 2. What is the primary power source that computers need to run AI programs?

- A) Electricity**
- B) Sunlight
- C) Wind
- D) Water

## 3. Which of these is a common task that AI systems can perform?

- A) Baking a cake
- B) Recognizing human speech**
- C) Growing a plant
- D) Running a marathon

## 4. What do AI programs use to learn and identify patterns?

- A) Magic
- B) Data**
- C) Dreams
- D) Intuition

## 5. Which device is commonly used to interact with AI virtual assistants?

- A) A toaster
- B) A microphone**
- C) A broom
- D) A lightbulb

## 6. What do we call a set of step-by-step instructions given to a computer?

- A) An algorithm**
- B) A recipe
- C) A storybook
- D) A drawing

**7. Which of these objects is an example of an AI-powered device?**

- A) A wooden chair
- B) A smart speaker**
- C) A metal spoon
- D) A paper map

**8. What does an AI system need to improve its accuracy over time?**

- A) More rest
- B) More information**
- C) More decoration
- D) More buttons

**9. Who creates the algorithms that allow AI to function?**

- A) Animals
- B) Plants
- C) Human programmers**
- D) Weather systems

**10. What is the name for the 'brain' of a computer where AI processing happens?**

- A) CPU**
- B) Hard drive
- C) Monitor
- D) Keyboard

**11. Which of these can AI help a computer do when looking at a photograph?**

- A) Identify objects**
- B) Smell the photo
- C) Print the photo
- D) Fold the photo

**12. What do we call the 'mistakes' that a computer program might make?**

- A) Bugs**
- B) Worms
- C) Bees
- D) Ants

**13. What is a virtual assistant like Siri or Alexa?**

- A) A type of AI**
- B) A physical robot
- C) A printed book
- D) A video game console

14. Which of these is a field of study that uses AI to help doctors?

**A) Medicine**

- B) History
- C) Cooking
- D) Painting

15. What is a physical machine that can move and interact with the world called?

**A) Robot**

- B) Toaster
- C) Lamp
- D) Couch

16. What does 'machine learning' allow a computer to do?

A) Speak human languages

**B) Improve from experience**

- C) Walk on two legs
- D) Grow hair

17. Which part of a computer acts like the 'eyes' for AI to see images?

**A) A camera**

- B) A speaker
- C) A mouse
- D) A battery

18. What is the main purpose of an AI program?

**A) To solve specific problems**

- B) To create chaos
- C) To play games all day
- D) To eat electricity

19. What are the digital building blocks of all computer software?

**A) Code**

- B) Plastic
- C) Wood
- D) Fabric

20. Can AI exist without a computer?

A) Yes

**B) No**

- C) Sometimes
- D) Only at night