

Global AI Landscape: Geography and Knowledge

Artificial Intelligence · Answer Key · 15 Questions

1. Which city is home to the Turing Institute, a national research center for data science and artificial intelligence, established in 2015?

- A) Paris, France
- B) Berlin, Germany
- C) London, United Kingdom**
- D) Zurich, Switzerland

2. The 'AI Index Report', a comprehensive study tracking AI progress, is primarily produced by which university's research initiative?

- A) Stanford University (USA)**
- B) Tsinghua University (China)
- C) ETH Zurich (Switzerland)
- D) University of Toronto (Canada)

3. Which East Asian nation, outside of China and South Korea, has consistently invested heavily in AI research and development, establishing national AI strategies and significant funding?

- A) Thailand
- B) Vietnam
- C) Singapore**
- D) Malaysia

4. The first large-scale, publicly documented demonstration of a self-driving car occurred in the early 1990s as part of the 'Navlab' project, spearheaded by researchers at which American university?

- A) Massachusetts Institute of Technology (MIT)
- B) Carnegie Mellon University**
- C) University of California, Berkeley
- D) Georgia Institute of Technology

5. Which European country, known for its strong engineering and research base, was an early adopter of AI policies and has a national strategy focused on ethical AI development?

- A) Netherlands
- B) Sweden
- C) Denmark
- D) Finland**

6. The seminal paper 'Computing Machinery and Intelligence,' which introduced the Turing Test, was authored by Alan Turing and published in a journal based in which country?

- A) United States
- B) United Kingdom**
- C) Germany
- D) Canada

7. Which city is widely recognized as the birthplace of Deep Blue, the IBM chess-playing computer that famously defeated Garry Kasparov in 1997?

- A) New York City, USA
- B) Yorktown Heights, USA**
- C) Montreal, Canada
- D) Geneva, Switzerland

8. The country of Estonia has pioneered the use of AI in public services, including its development of an AI-powered digital government. What is a notable AI application implemented in its judicial system?

- A) Automated sentencing for minor offenses
- B) AI-assisted case summarization for judges**
- C) Predictive policing algorithms
- D) AI-driven jury selection

9. The establishment of the Vector Institute for Artificial Intelligence, a non-profit research and education institute, is strongly associated with which Canadian city?

- A) Vancouver
- B) Montreal
- C) Toronto**
- D) Edmonton

10. Which African nation has been actively developing AI capabilities, with a particular focus on applications in agriculture and healthcare, supported by initiatives from its universities and government?

- A) Nigeria
- B) South Africa**
- C) Kenya
- D) Egypt

11. The Turing Award, often referred to as the 'Nobel Prize of Computing,' has been awarded to numerous pioneers in AI. One recipient, Geoffrey Hinton, is prominently associated with research conducted at which university?

A) University of Cambridge (UK)

B) University of Oxford (UK)

C) University of Toronto (Canada)

D) Imperial College London (UK)

12. Which South American country has been recognized for its efforts in promoting AI education and research, with a focus on areas like machine learning and data science, often driven by its leading universities?

A) Argentina

B) Brazil

C) Chile

D) Colombia

13. The first artificial intelligence program, Logic Theorist, was created by Allen Newell and Herbert Simon at which university in 1956, a year before the Dartmouth Workshop that coined the term 'Artificial Intelligence'?

A) Stanford University

B) Carnegie Mellon University

C) University of Illinois Urbana-Champaign

D) University of Michigan

14. The Global AI Talent Tracker, which analyzes AI employment trends, frequently highlights significant growth in AI job postings in which major European capital city?

A) Amsterdam, Netherlands

B) Stockholm, Sweden

C) Dublin, Ireland

D) Berlin, Germany

15. Which Middle Eastern country is investing heavily in AI to diversify its economy beyond oil, establishing AI-focused universities and research centers, and aiming to become a global AI hub?

A) Saudi Arabia

B) United Arab Emirates

C) Qatar

D) Israel