

Global Computing Infrastructure and Geography

Computer Science And Geography · Answer Key · 15 Questions

1. Which specific Japanese prefecture houses the RIKEN Center for Computational Science, home to the Fugaku supercomputer?

- A) Tokyo
- B) Kanagawa
- C) Hyogo**
- D) Osaka

2. In which city is the world's northernmost Tier III data center, utilizing cold Arctic air for natural cooling, located?

- A) Luleå, Sweden**
- B) Reykjavík, Iceland
- C) Tromsø, Norway
- D) Murmansk, Russia

3. The first undersea telegraph cable to successfully connect Europe and North America in 1858 landed on which Irish island?

- A) Inishmore
- B) Valentia Island**
- C) Achill Island
- D) Cape Clear

4. Which US state hosts the 'Silicon Hills,' a major technology hub that includes the headquarters of Dell Technologies?

- A) California
- B) Washington
- C) Texas**
- D) Colorado

5. The 'Great Firewall of China' infrastructure is officially known by which Ministry of Public Security project name?

- A) Golden Shield Project**
- B) Dragon Gate Initiative
- C) Cyber Great Wall
- D) Network Sovereign Protocol

6. Which European city serves as the primary location for the CERN Data Centre, where the World Wide Web was first proposed?

A) Brussels

B) Geneva

C) Zurich

D) Paris

7. The subsea cable 'SEA-ME-WE 3,' one of the longest in the world, terminates in which northern Australian city?

A) Darwin

B) Brisbane

C) Perth

D) Cairns

8. Which archipelago nation relies heavily on the 'Palau-Kagman' undersea cable for its primary international internet connectivity?

A) Fiji

B) Palau

C) Kiribati

D) Vanuatu

9. The high-tech industrial district 'Hsinchu Science Park,' critical to the global semiconductor industry, is located in which territory?

A) South Korea

B) Singapore

C) Taiwan

D) Japan

10. Which African country hosted the first landing point of the 'EASSy' (Eastern Africa Submarine Cable System)?

A) South Africa

B) Nigeria

C) Kenya

D) Egypt

11. The 'Marea' subsea cable, a joint venture between Microsoft and Meta, connects Virginia Beach in the US to which Spanish city?

A) Madrid

B) Bilbao

C) Barcelona

D) Valencia

12. Which country is home to the 'Brumunddal' data center, often cited in engineering textbooks for its use of local hydroelectric power?

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

13. In 1991, the first website was hosted on a NeXT computer located at which specific physical laboratory site?

- A) CERN, Meyrin**
- B) Stanford, California
- C) MIT, Cambridge
- D) Caltech, Pasadena

14. Which South American nation hosts the 'Atlantic Cable System' (AC-1) landing station in the city of Fortaleza?

- A) Argentina
- B) Chile
- C) Brazil**
- D) Colombia

15. The world's first programmable, electronic, digital computer, Colossus, was used during WWII at which secret facility in the UK?

- A) Bletchley Park**
- B) Harwell
- C) Teddington
- D) Aldermaston