

Canada's Tech Pulse: AI Regulation, Cleantech Funding, and Cybersecurity in

Technology · Practice Test · 10 Questions

1. Which province in Canada has introduced legislation, Bill 194, specifically aimed at regulating the use of artificial intelligence systems by public sector entities?

- A) British Columbia
- B) Alberta
- C) Ontario
- D) Quebec

2. In the past 30 days, which Canadian cleantech company secured \$100 million in funding from the Canada Growth Fund to accelerate carbon capture technology commercialization?

- A) Li-Cycle
- B) Svante
- C) FLO
- D) Cyclic Materials

3. A recent cybersecurity incident in early May 2024 impacted thousands of schools globally, including several Canadian post-secondary institutions. Which learning management system (LMS) was targeted?

- A) Blackboard
- B) Moodle
- C) Canvas
- D) Google Classroom

4. Canada's proposed Artificial Intelligence and Data Act (AIDA), part of Bill C-27, aims to regulate 'high-impact' AI systems. What is a key characteristic of these 'high-impact' systems as defined by the proposed legislation?

- A) Systems used solely for entertainment
- B) Systems with a low potential for harm
- C) Systems that require human oversight and provide interpretability
- D) Systems exclusively used by small businesses

5. Which of the following Canadian cleantech companies raised \$136 million in growth funding to expand its electric vehicle (EV) charging network across North America?

- A) UgoWork
- B) FLO
- C) Maia Farms
- D) Moment Energy

6. Regarding recent cybersecurity events in Canada, which organization experienced a cyberattack in late April 2024 that led to the discovery of Dark Web postings attempting to solicit or sell its confidential data?

- A) The Bank of Canada
- B) Statistics Canada
- C) The Canada Revenue Agency (CRA)
- D) Export Development Canada (EDC)

7. The Artemis II mission, which recently returned, involved Canadian astronaut Jeremy Hansen. Canada was the second country in the world to send a human into deep space during this mission. Which country was the first?

- A) Russia
- B) China
- C) United States
- D) European Union

8. Canada's proposed Artificial Intelligence and Data Act (AIDA) is part of a larger legislative framework. Which of the following acts is also part of this larger framework?

- A) The National Security Act
- B) The Consumer Privacy Protection Act
- C) The Intellectual Property Act
- D) The Digital Rights Act

9. Which Canadian city is home to MDA Space's new facility, which was recently opened to support its satellite prime contractor strategy?

- A) Vancouver
- B) Ottawa
- C) Montreal
- D) Calgary

10. A recent report indicated that cybercrime in Canada saw an increase in certain areas in 2023 compared to previous years. Which of these incident types saw a surge in frequency for Canadian businesses?

- A) Denial-of-service (DoS) attacks
- B) Phishing attacks
- C) Identity theft and fraud
- D) Malware infections