

AI and the Age of Discovery

Artificial Intelligence & Geography · Answer Key · 7 Questions

1. Which AI-powered remote sensing technology is used to discover lost settlements in the Amazon, a region explored by Francisco de Orellana?

- A) LiDAR**
- B) Deepfake
- C) Blockchain
- D) Quantum Computing

2. The 'Old Weather' project uses machine learning to transcribe historical ship logs to improve what type of AI models?

- A) Economic forecasting
- B) Climate and weather**
- C) Social media algorithms
- D) Facial recognition

3. In 2021, an AI-driven autonomous ship named after which historical 1620 vessel successfully crossed the Atlantic?

- A) Santa Maria
- B) Endeavour
- C) Mayflower**
- D) Beagle

4. AI algorithms analyzing bathymetry data are essential for the 'Seabed 2030' project, which aims to map what percentage of the ocean floor?

- A) 50%
- B) 75%
- C) 100%**
- D) 25%

5. Which machine learning technique is primarily used to identify shipwrecks from side-scan sonar imagery?

- A) Natural Language Processing
- B) Computer Vision**
- C) Reinforcement Learning
- D) Generative Adversarial Networks

6. AI analysis of historical trade routes often focuses on the 'Manila Galleons' which connected Asia to the Americas across which ocean?

- A) Atlantic Ocean
- B) Indian Ocean
- C) Pacific Ocean**
- D) Arctic Ocean

7. To preserve the linguistic heritage of the Age of Exploration, AI is used to translate documents from which extinct or endangered indigenous language group?

- A) Nahuatl**
- B) Sanskrit
- C) Esperanto
- D) Latin