

Milestones in Civil Engineering

Civil Engineering · Answer Key · 8 Questions

1. Which ancient civilization is widely credited with the invention of hydraulic cement, which allowed for the construction of durable structures like the Pantheon?

- A) The Egyptians
- B) The Romans**
- C) The Mayans
- D) The Greeks

2. In which year was the Golden Gate Bridge in San Francisco officially opened to pedestrian traffic?

- A) 1937**
- B) 1925
- C) 1945
- D) 1918

3. Which structure, completed in 1889, served as the entrance arch to the 1889 World's Fair in Paris and was the world's tallest man-made structure for 41 years?

- A) The Colosseum
- B) The Burj Khalifa
- C) The Eiffel Tower**
- D) The Statue of Liberty

4. What is the name of the longest artificial river or canal project in the world, historically known as the Jing-Hang Grand Canal?

- A) Panama Canal
- B) Suez Canal
- C) Grand Canal of China**
- D) Erie Canal

5. The Great Pyramid of Giza was built as a tomb for which Pharaoh?

- A) Ramesses II
- B) Khufu**
- C) Tutankhamun
- D) Akhenaten

6. Which famous bridge, completed in 1932, is a prominent landmark of the Sydney Harbour in Australia?

- A) The Golden Gate Bridge
- B) The Brooklyn Bridge

C) The Sydney Harbour Bridge

- D) The Tower Bridge

7. What substance did British engineer John Smeaton use in 1756 to rebuild the Eddystone Lighthouse, marking a major development in modern concrete?

A) Hydraulic lime

- B) Quicklime
- C) Portland cement
- D) Volcanic ash

8. Which project, completed in 1914, drastically reduced the travel distance for ships between the Atlantic and Pacific Oceans?

- A) The Suez Canal
- B) The Corinth Canal

C) The Panama Canal

- D) The Kiel Canal