

Civil Engineering: Dates, Names, and Numbers

Civil Engineering · Answer Key · 15 Questions

1. In what year was the American Society of Civil Engineers (ASCE) founded?

- A) 1839
- B) 1852
- C) 1871
- D) 1905

2. The Rosetta Dam, a significant engineering project in Egypt, was completed in which decade?

- A) 1930s
- B) 1940s
- C) 1950s
- D) 1960s

3. Who is widely credited with the design of the first modern suspension bridge, the Clifton Suspension Bridge, which opened in 1864?

- A) John Smeaton
- B) Isambard Kingdom Brunel
- C) Gustave Eiffel
- D) Thomas Telford

4. The Panama Canal officially opened for traffic on August 15 of which year?

- A) 1903
- B) 1914
- C) 1920
- D) 1931

5. What was the approximate length of the original Roman Colosseum (in meters)?

- A) 120
- B) 189
- C) 250
- D) 310

6. The Hoover Dam's construction was completed in 1936. Approximately how many cubic yards of concrete were used?

- A) 500,000
- B) 1,000,000
- C) 3,250,000
- D) 5,000,000

7. The Golden Gate Bridge has a main span length of approximately how many feet?

- A) 2,000
- B) 4,200
- C) 6,500**
- D) 10,000

8. What year did the construction of the Channel Tunnel between the UK and France begin?

- A) 1975
- B) 1984**
- C) 1990
- D) 1994

9. Which renowned civil engineer is associated with the design of the Brooklyn Bridge, which was completed in 1883?

- A) Robert Stephenson
- B) John Roebling**
- C) Alfred Noble
- D) Charles Shaler Smith

10. The first successful transatlantic telegraph cable, laid in 1858, was approximately how many nautical miles long?

- A) 800
- B) 1,600**
- C) 2,500
- D) 4,000

11. The iconic Sydney Opera House, designed by Jørn Utzon, was officially opened in what year?

- A) 1959
- B) 1967
- C) 1973**
- D) 1981

12. What was the approximate height of the Great Pyramid of Giza when it was originally completed?

- A) 100 meters
- B) 147 meters**
- C) 180 meters
- D) 210 meters

13. The first modern skyscraper, the Home Insurance Building in Chicago, was completed in 1885. How many stories did it have?

A) 5

B) 8

C) 10

D) 12

14. Which engineer was instrumental in the development of the modern concrete mixing process and is often called the 'father of concrete'?

A) John McAdam

B) Joseph Aspdin

C) François Hennebique

D) Karl Terzaghi

15. The original London Bridge was replaced in the 1970s. Its stones were famously purchased and relocated to which state in the USA?

A) Florida

B) Arizona

C) Texas

D) California