

Architectural Wonders and Fundamentals

Architecture · Practice Test · 12 Questions

1. Which architectural order is characterized by scrolls, known as volutes, on the capital of the column?

- A) Doric
- B) Ionic
- C) Corinthian
- D) Tuscan

2. The Sydney Opera House, designed by Jørn Utzon, is famous for its roof structure that resembles what?

- A) Ship sails
- B) Mountain peaks
- C) Desert dunes
- D) Giant shells

3. What is the name of the central vertical support member of a spiral staircase?

- A) Stringer
- B) Baluster
- C) Newel
- D) Riser

4. Which building material was primarily used to construct the exterior walls of the Roman Colosseum?

- A) Reinforced concrete
- B) Travertine limestone
- C) Cast iron
- D) Wrought iron

5. What architectural term describes a large, open-air central court in an ancient Roman house?

- A) Atrium
- B) Rotunda
- C) Portico
- D) Pediment

6. The Burj Khalifa in Dubai currently holds the record for the tallest building in the world. In which year was it officially opened?

- A) 2007
- B) 2008
- C) 2010
- D) 2012

7. Which architectural style is characterized by pointed arches, ribbed vaults, and flying buttresses?

- A) Neoclassical
- B) Art Deco
- C) Gothic
- D) Baroque

8. Who is the architect famous for designing the Fallingwater house in Pennsylvania, which is built directly over a waterfall?

- A) Frank Lloyd Wright
- B) Le Corbusier
- C) Zaha Hadid
- D) Ludwig Mies van der Rohe

9. What is the purpose of a 'keystone' in a stone arch?

- A) To support the base
- B) To lock the voussoirs in place
- C) To provide aesthetic decoration
- D) To act as a drain

10. The Pantheon in Rome is best known for its massive, unreinforced concrete structure shaped as what?

- A) Square prism
- B) Dome
- C) Pyramid
- D) Cylinder

11. In architecture, what does the term 'cantilever' refer to?

- A) A decorative column
- B) A beam supported at only one end
- C) A type of stained glass
- D) A foundation made of mud

12. Which material, developed in the late 19th century, transformed architecture by allowing for the construction of skyscrapers?

- A) Mass timber
- B) Structural steel
- C) Polished marble
- D) Sun-dried bricks