

Advanced Architectural History Quiz

Architectural History · Practice Test · 8 Questions

1. Which 19th-century architect is credited with popularizing the use of exposed iron structures in buildings, notably in the Bibliothèque Sainte-Geneviève in Paris?

- A) Charles Garnier
- B) Gustave Eiffel
- C) Eugène Viollet-le-Duc
- D) Henri Labrouste

2. The Brunelleschi's Dome for Florence Cathedral was a groundbreaking engineering feat. What innovative lifting device was specifically designed for its construction, utilizing a double-shell structure and a system of gears and oxen?

- A) The Archimedes Screw
- B) The Helicopter Screw
- C) The Ox-Powered Crane
- D) The Cantilever Lift

3. Which ancient civilization is renowned for its extensive network of aqueducts, such as the Pont du Gard, showcasing advanced hydraulic engineering and structural integrity?

- A) Ancient Greece
- B) Ancient Egypt
- C) The Etruscans
- D) Ancient Rome

4. The Bauhaus school, founded in 1919, profoundly influenced modern architecture. Which of its key tenets emphasized the unity of art, craft, and technology, famously summarized by the phrase 'form follows function'?

- A) De Stijl
- B) Art Nouveau
- C) Functionalism
- D) Constructivism

5. The Hagia Sophia in Istanbul, originally a Byzantine cathedral, later served as a mosque and is now a museum. What was a primary structural innovation that allowed for its massive central dome?

- A) The use of concrete
- B) The development of flying buttresses
- C) The engineering of pendentives
- D) The adoption of the arch of voussoirs

6. Which architectural movement, prevalent in the late 19th and early 20th centuries, drew inspiration from nature, incorporating organic forms, flowing lines, and curvilinear designs?

- A) Art Deco
- B) Arts and Crafts
- C) Art Nouveau
- D) Jugendstil

7. The Shogun's castle in Himeji, Japan, a UNESCO World Heritage site, is a prime example of what architectural style, characterized by its defensive features and distinctive white walls?

- A) Momoyama architecture
- B) Heian architecture
- C) Edo architecture
- D) Kamakura architecture

8. What is the name of the characteristic structural element found in Gothic cathedrals that transfers the outward thrust of the vaulting to external piers, allowing for thinner walls and larger windows?

- A) Corbel
- B) Flying Buttress
- C) Rib Vault
- D) Oculus