

Advanced Architectural History and Theory

Architecture · Answer Key · 15 Questions

1. Which architectural style is characterized by the extensive use of pointed arches, ribbed vaults, and flying buttresses?

- A) Romanesque
- B) Gothic**
- C) Baroque
- D) Neoclassical

2. In structural engineering, what is the term for a curved structural member that spans an opening and is primarily under compression?

- A) Lintel
- B) Arch**
- C) Truss
- D) Cantilever

3. The Villa Savoye, designed by Le Corbusier, is a quintessential example of which 20th-century architectural movement?

- A) International Style**
- B) Art Deco
- C) Brutalism
- D) Deconstructivism

4. Who is the architect credited with the design of the Guggenheim Museum in New York City, known for its spiraling ramp?

- A) Frank Lloyd Wright**
- B) Mies van der Rohe
- C) Alvar Aalto
- D) Louis Sullivan

5. Which ancient Roman structure is famous for its unreinforced concrete dome and oculus?

- A) The Colosseum
- B) The Parthenon
- C) The Pantheon**
- D) The Basilica of Maxentius

6. Which material became the structural backbone of high-rise construction in the late 19th century due to its tensile strength?

- A) Cast iron
- B) Wrought iron
- C) Steel**
- D) Reinforced concrete

7. In classical architecture, which of the following is NOT one of the three Greek orders?

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

8. What is the architectural term for a triangular gable found above the entablature in Classical Greek and Roman architecture?

- A) Frieze
- B) Pediment**
- C) Architrave
- D) Cornice

9. The term 'Brutalism' is derived from the French term 'béton brut', which translates to what?

- A) Raw concrete**
- B) Bold structure
- C) Heavy mass
- D) Dark stone

10. Which architect is famously associated with the maxim 'Form follows function'?

- A) Walter Gropius
- B) Louis Sullivan**
- C) Frank Gehry
- D) Philip Johnson

11. What structural element is used to distribute the weight of a building onto the ground?

- A) Column
- B) Foundation**
- C) Beam
- D) Lintel

12. The Hagia Sophia in Istanbul is a significant example of which architectural style?

- A) Byzantine**
- B) Ottoman
- C) Islamic
- D) Romanesque

13. What is the primary purpose of a 'flying buttress' in Gothic architecture?

- A) To add decorative aesthetic
- B) To allow for higher windows
- C) To support outward thrust of walls**
- D) To provide structural ventilation

14. Which movement, led by Walter Gropius, emphasized the integration of art, craft, and technology?

- A) Bauhaus**
- B) De Stijl
- C) Futurism
- D) Constructivism

15. The Farnsworth House, designed by Mies van der Rohe, is defined by which architectural characteristic?

- A) Load-bearing masonry
- B) Minimalist glass and steel**
- C) Ornamental facade
- D) Asymmetrical complexity