

Architectural Masterpieces and Theory

Architecture · Answer Key · 20 Questions

1. Which architectural order is distinguished by the use of volutes on its capitals?

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

2. The structural technique known as 'flying buttress' was primarily developed to support which architectural style?

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

3. Which architect is credited with the design of the 'Fallingwater' residence in Pennsylvania?

- A) Le Corbusier
- B) Frank Lloyd Wright**
- C) Ludwig Mies van der Rohe
- D) Alvar Aalto

4. What is the primary function of a 'pendantive' in domed architecture?

- A) To support the roof load
- B) To transition from a square room to a circular dome**
- C) To provide decorative lighting
- D) To allow for natural ventilation

5. The 'Pritzker Architecture Prize' is often referred to as which of the following?

- A) The Nobel Prize of Architecture**
- B) The Golden Globe of Design
- C) The Academy Award of Construction
- D) The Pulitzer of Infrastructure

6. Which skyscraper, completed in 1931, held the title of the world's tallest building for 40 years?

- A) Chrysler Building
- B) Empire State Building**
- C) Woolworth Building
- D) Rockefeller Center

7. What is the term for a series of arches supported by columns or piers?

- A) Vault
- B) Arcade**
- C) Truss
- D) Frieze

8. In Islamic architecture, what is the term for a decorative, geometric pattern used to cover surfaces?

- A) Arabesque**
- B) Cartouche
- C) Cloisonne
- D) Tessellation

9. Which building is the most famous example of 'Brutalist' architecture in the United Kingdom?

- A) The Shard
- B) National Theatre
- C) Barbican Estate**
- D) Gherkin

10. What is the structural purpose of a 'keystone' in an arch?

- A) To prevent wind erosion
- B) To lock the voussoirs into position**
- C) To decorate the entrance
- D) To connect to the foundation

11. The 'Pantheon' in Rome is best known for being the world's largest unreinforced concrete:

- A) Wall
- B) Archway
- C) Dome**
- D) Foundation

12. Which architectural movement is characterized by the phrase 'less is more'?

- A) Postmodernism
- B) Deconstructivism
- C) Minimalism**
- D) Art Deco

13. What is the name of the vertical post between the panes of a window?

A) Mullion

B) Transom

C) Lintel

D) Coping

14. Which city is famous for the 'Sagrada Familia', designed by Antoni Gaudi?

A) Madrid

B) Barcelona

C) Valencia

D) Seville

15. A 'cantilever' is a structural element that:

A) Is supported at both ends

B) Projects horizontally beyond its vertical support

C) Connects two separate buildings

D) Forms the base of a skyscraper

16. The 'Great Mosque of Djenne' is the largest building in the world made of what material?

A) Limestone

B) Mud-brick

C) Reinforced concrete

D) Granite

17. What does the term 'fenestration' refer to in architectural design?

A) The arrangement of windows and doors

B) The foundation depth

C) The material used for roofing

D) The height of the atrium

18. Which landmark was constructed for the 1889 World's Fair in Paris?

A) Arc de Triomphe

B) Sacré-Coeur

C) Eiffel Tower

D) Louvre Pyramid

19. What is the 'entablature' in a classical Greek order?

A) The base of the column

B) The horizontal structure above the columns

C) The triangular roof section

D) The interior courtyard

20. Which material is most commonly associated with 'High-Tech' architecture?

A) Adobe

B) Exposed steel and glass

C) Heavy timber

D) Stained glass