

Architectural Masterpieces and Theory

Architecture · Practice Test · 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