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# **ARCHITECTURE APTITUDE TEST**

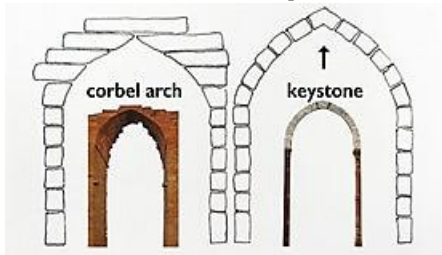
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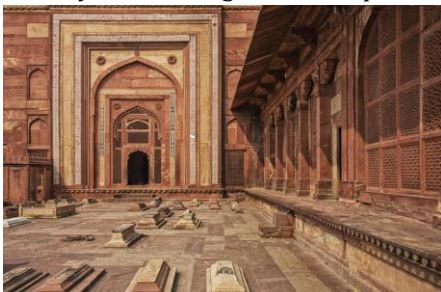
1. Where can you find this architecture?



- (a) Italy (b) Egypt (c) France (d) UAE
2. The great pyramids in Egypt were built by?  
(a) Maliks (b) Khufu (c) Arabs (d) Sultan
3. The Great Pyramid of Giza is also known as the Pyramid of:  
(a) Ramses II (b) Tutankhamen (c) Khufu (Cheops) (d) Cleopatra
4. What stone is used in Lotus temple?  
(a) Pentelikon marble. (b) Granite (c) Sandstone (d) Limestone
5. Cavity Walls are used for:  
(a) Waterproofing (b) Heat Insulation (c) Aesthetics (d) Cost Saving
6. Which of the following is most earthquake resistant structure?  
(a) RCC frame structure (b) Load bearing structure  
(c) Mud Walls structure (d) Random stone masonry structure
7. The arches shown in the picture are found in -



- (a) Indian Temples (b) Islamic Architecture  
(c) Buddhist Architecture (d) British Colonial Architecture
8. Identify the building of which a part is shown here:



- (a) Red Fort (b) Fatehpur Sikri (c) Taj Mahal (d) Qutub Compound

9. Identify the building of which a part is shown here:



- (a) Red fort (b) Fatehpur Sikri (c) Taj Mahal (d) Qutub Compound

10. Which one of the colors is made when blue and yellow are mixed?

- (a) Violet (b) Orange (c) Green (d) White

11. Which one of the following colors suggests love and romance?

- (a) Blue (b) Green (c) Pink (d) Brown

12. The decorated top of a Classical column is called a:

- (a) Canopy (b) Cantilever (c) Capital (d) Casement Window

13. A window frame hung on one side that opens inwards or outwards is called a:

- (a) Canopy (b) Cantilever (c) Capital (d) Casement Window

14. Which of the following is the residence of the President of the USA?

- (a) Buckingham Palace (b) The White House (c) Eiffel Tower (d) Kremlin

15. Whose residence is Downing Street?

- (a) Chancellor of Germany (b) Prime Minister of Canada  
(c) Prime Minister of the United Kingdom (d) President of France

16. The logos given in the picture belong to –



- (a) Car companies (b) Electronic products  
(c) Oil marketing companies (d) None of these

17. Who is the designer of the chair shown below?



- (a) Charles and Ray Eames (b) Harry Bertoia  
(c) Philippe Starck (d) Ludwig Mies Van Der Rohe

18. In CMYK, the more colors you combine, the closer you get to:  
(a) White (b) Black (c) Red (d) Yellow
19. What is the term for a horizontal board attached to the lower end of rafters at the eaves?  
(a) Gable (b) Fascia (c) Coping (d) Eaves
20. Indian Parliament building was designed by which architect?  
(a) Herbert Baker (b) BV Doshi (c) Raj Rewal (d) Sanjay Puri

**ANSWER KEY AND EXPLANATIONS**

1. **(b)** Is the correct answer.
2. **(b)** Khufu - The Great Pyramid of Giza is most attributed to Pharaoh Khufu (also known as Cheops).
3. **(c)** Khufu (Cheops) - The Great Pyramid of Giza is also known as the Pyramid of Khufu.
4. **(d)** Delhi, India, is primarily constructed using white marble, but the stone used for the construction of the Lotus Temple is primarily limestone.
5. **(b)** Heat Insulation, Explanation: Cavity walls are used for heat insulation in buildings.
6. **(a)** RCC frame structure, Explanation: RCC (Reinforced Concrete Cement) frame structures are generally considered to be the most earthquake-resistant among the options listed.
7. **(c)** **Buddhist Architecture** correct answer.
8. **(b)** Fatehpur Sikri
9. **(d)** Qutub Compound
10. **(c)** Green  
Violet is created by mixing red and blue.  
Orange is created by mixing red and yellow.  
Green is created by mixing blue and yellow.  
White is not created by mixing colors; it's the reflection of all light.
11. **(c)** Pink  
Blue can represent calmness or trust, not necessarily love.  
Green is often associated with nature or growth, not romance.  
Pink is a common symbol of love and romance.  
Brown doesn't have a strong symbolic association with love or romance.
12. **(c)** Capital (The decorated top of a Classical column)
13. **(d)** Casement Window (A window frame hung on one side that opens inwards or outwards)
14. **(b)** The White House, Explanation: The White House is the official residence and workplace of the President of the United States.
15. **(c)** Prime Minister of the United Kingdom, Explanation: Downing Street is the residence and office of the Prime Minister of the United Kingdom.
16. **(a)** Is the correct answer.
17. **(d)** Is the correct answer.
18. **(b)** The answer is B. Black.  
In CMYK (Cyan, Magenta, Yellow, Key Black), combining more colors creates darker results, not lighter or specific hues like red or yellow. Here's why:
  - CMY (Cyan, Magenta, Yellow) are the subtractive primaries. Each color absorbs or subtracts specific wavelengths of light.
  - Black ink is added in CMYK because perfect black can't be reliably achieved by just mixing CMY inks.
  - When you mix CMY inks, they progressively absorb more and more wavelengths of light, resulting in darker and muddier colors. Eventually, with all three inks combined, you get a very dark color that approximates black.
 Here's why the other options are incorrect:
  - A. White: White is the natural color of the paper in CMYK printing and isn't achieved by mixing inks.
  - C. Red: Combining CMY inks wouldn't create red because they don't absorb red wavelengths of light.
  - D. Yellow: Yellow is one of the primary CMY inks and wouldn't be the result of combining all three.
19. **(d)** Eaves (The horizontal board attached to the lower end of rafters at the eaves is called the eaves soffit, but eaves itself refers to the overhanging edge)
20. **(a)** Herbert Baker Explanation: The Indian Parliament building was designed by British architect Herbert Baker.



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