### 1. Inch equals.
- a) 2.54 cm
- b) 5 cm
- c) 20 mm
- d) 15.67 mm

### 2. 6 motar represents.
- a) 1 part of water 6 part of cement
- b) 1 part of cement, 6 part of water
- c) 1 part of sant, 6 part of cement
- d) 1 part of cement, 6 part of sand

### 3. How many A2 sheets can be cut from a A0 sheet of paper.
- a) 5
- b) 4
- c) 16
- d) 8

### 4. The city of Ahmedabad was designed by
- a) Le Corbusier
- b) I M Pie
- c) B V Doshi
- d) kanvinde

### 5. Floors X and Y are equal in area, if X is 12 feet X 8 feet and the width of Y is 6 feet, what is the length of Y?
- a) 16 feet
- b) 12 feet
- c) 8 feet
- d) 15 feet

### 6. \(0.1 + (0.1)^2 + (0.1)^3\)
- a) 0.1
- b) 0.121
- c) 0.111
- d) 0.2341

### 7. Identify the building
- a) Sydney Opera House
- b) Bahai house of worship
- c) Guggenheim Museum
- d) Temple of Karnak

### 8. Blobitecture is
- a) 1st Century Architecture style
- b) 15th Century Architecture style
- c) 20th Century Architecture style
- d) Not an Architecture style

### 9. Blue is a
- a) Hot Colour
- b) Cool Colour
- c) Secondary Colour
- d) Neutral Colour

### 10. Which of the following is a complimentary colour scheme?
- a) Green - Yellow
- b) Blue – red
- c) Yellow – Black
- d) Red – Green

### 11. When 1/10 percent of 5000 is subtracted from 1/10 of 5000, the difference is
- a) 0
- b) 50
- c) 495
- d) 500
- e)
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<tr>
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<tbody>
<tr>
<td>12. <strong>Curtain walls represent</strong></td>
<td>a) <strong>Fabric Walls</strong></td>
<td>b) <strong>Glass Screens</strong></td>
<td></td>
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<tr>
<td></td>
<td>c) <strong>Brick Walls</strong></td>
<td>d) <strong>Concrete Walls</strong></td>
<td></td>
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<tr>
<td>13. <strong>A Focal point is</strong></td>
<td>a) A point in the centre of a drawing</td>
<td></td>
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<tr>
<td></td>
<td>b) A point in a corner of a drawing</td>
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<tr>
<td></td>
<td>c) A point within a circle</td>
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<td></td>
<td>d) Center of interest in a drawing</td>
<td></td>
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<tr>
<td>14. <strong>Gol Gumbaz is a</strong></td>
<td>a) <strong>Mosque</strong></td>
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<td></td>
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<tr>
<td></td>
<td>b) <strong>Mausoleum</strong></td>
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<td></td>
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<tr>
<td></td>
<td>c) <strong>Museum</strong></td>
<td></td>
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<td></td>
<td>d) <strong>Monasry</strong></td>
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<tr>
<td>15. <strong>Identify the texture</strong></td>
<td>a) <strong>Practicle board</strong></td>
<td></td>
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<tr>
<td></td>
<td>b) <strong>Marble</strong></td>
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<td></td>
<td>c) <strong>Granite</strong></td>
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<td></td>
<td>d) <strong>Sand</strong></td>
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<tr>
<td>16. <strong>A Carpenter a constructed a rectangle sandbox with a capacity of 10 cubic feet, if he had to make a similar box, twice as long, twice as wide and twice as high as the first sand box, what would be the capacity in cubic feet of the second sand box?</strong></td>
<td>a) <strong>20</strong></td>
<td></td>
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<td></td>
<td>b) <strong>40</strong></td>
<td></td>
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</tr>
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<td></td>
<td>c) <strong>80</strong></td>
<td></td>
<td></td>
</tr>
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<td></td>
<td>d) <strong>1000</strong></td>
<td></td>
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</tr>
<tr>
<td>17. <strong>Identify this building.....</strong></td>
<td>a) <strong>Jahangir Mahal, Orchha</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>b) <strong>Amber Palace, Rajasthan</strong></td>
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<td></td>
<td>c) <strong>Man Mandir Gwalior</strong></td>
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<tr>
<td></td>
<td>d) <strong>Akber Palace, Fathepur</strong></td>
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<tr>
<td>18. <strong>The Average height of an India male is?</strong></td>
<td>a) 5 feet 6 inches</td>
<td></td>
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<tr>
<td></td>
<td>b) 6 feet 2 inches</td>
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<td></td>
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<tr>
<td></td>
<td>c) 5 feet 3 inches</td>
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<td></td>
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<tr>
<td></td>
<td>d) 4 feet 8 inches</td>
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<td></td>
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<tr>
<td>19. <strong>KanchanJunga Apartments are designed by</strong></td>
<td>a) <strong>B V Doshi</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>b) <strong>Le-Carbusior</strong></td>
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<td></td>
</tr>
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<td></td>
<td>c) <strong>Charles Correa</strong></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>d) <strong>Edwin Lutyens</strong></td>
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</tbody>
</table>
20. Obelisk is a  
   a) Tall, Slender Building  
   b) Tall Slender Tower  
   c) Short Fat building  
   d) Short Fat Tower  

21. 150 is what percent of 30?  
   a) 20%  
   b) 50%  
   c) 200%  
   d) 500%  

22.  

The Front of a 6 X 8 foot rectangular door has a trim as indicated by the shading in the diagram, if the trim is uniformly 1 foot wide, what fraction of the door surface is covered by the trim.  
   a) 13/48  
   b) 5/12  
   c) 7/12  
   d) 1/2  

23. Identify the structure in the picture  
   a) Big Ben London  
   b) Time Tower NY  
   c) Sears Towers, NY  
   d) Rajabai Tower, Mumbai  

24. When you stand between the railway tracks and observe the Railway Track over the horizon it gives a  
   a) One Point Perspective Effect  
   b) Two Point Perspective Effect  
   c) Three Point Perspective Effect  
   d) None of the above  

25. Which of the following pencil ideas is the Softest?  
   a) 3H  
   b) HB  
   c) F  
   d) 3B  

26. Sun Temple is located in  
   a) Sanchi  
   b) Mahabalipuram  
   c) Konark  
   d) Nalanda
27. The Sphinx is located in
   a) Paris  b) Lebanon  c) Syria  d) Giza

28. Identify the piece that fits
   a) A  b) B  c) C  d) D

29. Which is the development for the model shown?
   e) A  f) B  g) C  h) D

30. A Group of pieces on the bottom when joined form the one on the top, identify the set.
   a) A  b) B  c) C  d) D

31. A Group of pieces at the bottom when joined, from the group on the top, identify the group.
   a) A  b) B  c) C  d) D
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<tbody>
<tr>
<td>32.</td>
<td><img src="image" alt="Diagram" /></td>
<td>A</td>
<td>B</td>
</tr>
<tr>
<td>Identify the correct elevation as indicated by the arrow.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a) A</td>
<td>b) B</td>
<td>c) C</td>
<td>d) D</td>
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<tbody>
<tr>
<td>33.</td>
<td><img src="image" alt="Diagram" /></td>
<td>A</td>
<td>B</td>
</tr>
<tr>
<td>Identify the elevation as indicated by the arrow.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a) A</td>
<td>b) B</td>
<td>c) C</td>
<td>d) D</td>
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<tbody>
<tr>
<td>34.</td>
<td><img src="image" alt="Diagram" /></td>
<td>A</td>
<td>B</td>
</tr>
<tr>
<td>Identify the elevation as indicated by the arrow.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a) A</td>
<td>b) B</td>
<td>c) C</td>
<td>d) D</td>
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</tbody>
</table>
### 35.

Identify the elevation shown by the arrow.

- a) A
- b) B
- c) C
- d) D

### 36.

The total number of triangles given in the figure below are

- a) 12
- b) 15
- c) 16
- d) 18

### 37.

How many surfaces are in the solid object shown below?

- a) 10
- b) 8
- c) 9
- d) 12

### 38.

Identify the top view (Plan of this object)

- a) 10
- b) 8
- c) 9
- d) 12
### 39.
Jantar Mantar was built as a/an

<table>
<thead>
<tr>
<th>a) Tomb</th>
<th>b) Observatory</th>
<th>c) Shrine</th>
<th>d) Remembrance</th>
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</table>

### 40.
When folded which object will the development form?

<table>
<thead>
<tr>
<th>a) A</th>
<th>b) B</th>
<th>c) C</th>
<th>d) D</th>
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</table>