<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>1.</strong></td>
<td>These tiles are better used for</td>
</tr>
<tr>
<td></td>
<td>a) Bathroom  b) Lounge  c) Pavement  d) Road</td>
</tr>
<tr>
<td><strong>2.</strong></td>
<td>Kota stone has</td>
</tr>
<tr>
<td></td>
<td>a) Rouge Texture  b) Glossy Texture  c) Smooth Finish  d) Matt Finish</td>
</tr>
<tr>
<td><strong>3.</strong></td>
<td>Identify the temple</td>
</tr>
<tr>
<td></td>
<td>a) Sun Temple  b) Kailash Temple  c) Lingaraj Temple  d) Shore Temple</td>
</tr>
<tr>
<td><strong>4.</strong></td>
<td>Identify the above wall</td>
</tr>
<tr>
<td></td>
<td>a) Limestone wall  b) Granite ashlar  c) Roughbrick wall  d) Terazzo wall</td>
</tr>
<tr>
<td><strong>5.</strong></td>
<td>Swimming pool tiles have</td>
</tr>
<tr>
<td></td>
<td>a) Smooth finish  b) Glossy finish  c) Matt finish  d) Rough finish</td>
</tr>
<tr>
<td><strong>6.</strong></td>
<td>The side opposite the right angle triangle is 13 cm, one of the other side is 12 cm. What is the area of the triangle?</td>
</tr>
<tr>
<td></td>
<td>a) 30  b) 32.5  c) 65  d) 25</td>
</tr>
</tbody>
</table>
7. The distance between point A and B is 200 miles. A car took a total of 5 hours to travel from A to B and back. If it traveled at an 100 miles per hour from A to B, at what speed should it have traveled on the way back from B to A.
   a) 150 mph   b) 66.67 mph   c) 50 mph   d) 33.33 mph

8. A trader bought an item for 150 Rs at what price should he sell it to make a 15% profit?
   a) 25Rs   b) 170Rs   c) 172.5 Rs   d) 180 Rs

9. Complete the figure analogy
   a) a   b) b   c) c   d) d

10. If the paper is folded along the dotted lines and punched as shown in the picture, identify the picture that would appear after unfolding it.
    a) a   b) b   c) c   d) d

11. Identify the fourth figure from the answer choices given
    a) a   b) b   c) c   d) d

12. Occult balance is
    a) Visual Balance   b) Physical Weight Balance
    c) Physical Disbalance   d) Visual Imbalance

13. CamleCase is used for
    a) Painting   b) Writing   c) Sketching   d) Drawing
14. The hanging Gradens of Babylon are situated in present day?
   a) Syriad  b) Babylon  c) Israel  d) Iraq

15. Padiment is
   a) Round Structure  b) Pyrimidical Structure
   c) Triangular Structure  d) Elevated Structure

16. \((\sqrt{3} - 1) (\sqrt{3} + 1) (\sqrt{5} + 1) (\sqrt{5} - 1)\)
   a) 15  b) 24  c) 25  d) 8

17. Incandescence
   a) Light Emmision  b) Pollution
   c) Loud Sound  d) Bright light from invisible source

18. Identify the building
   a) Kalpataru Apartments  b) Kanchanjunga Apartments
   c) Shreepathi Arcade  d) Pitampura TV tower

19. Bayer India House is Designed by
   a) B V Doshi  b) Hafeez Contractor  c) Louis Khan  d) Le carbusior

20. Shore Temple is located in
   a) Ajanta  b) Mahabalipuram  c) Tanjore  d) Modhera

21. Identify the tower
   a) Ashoka Pillar  b) Qutub Minar  c) Vijay Stumbh  d) Kirti stumbh
22. Identify the building shown
   a) Basilica of Bom Jesus, Goa  b) Se Cathedral, Goa
   c) St Aloysius Chapel, Managlore  d) Jewish museum, Cochin

23. Boilerplate is a
   a) Hot Plate  b) Foundation steel plate
   c) Reinforcement plate  d) Standard

24. Identify the number of triangular surfaces
   a) 2  b) 3  c) 4  d) 5

25. Identify the number of oblique surfaces
   a) 4  b) 3  c) 6  d) 7

26. Identify the front view of the problem figure from the answer choices given below:
   a) a  b) b  c) c  d) d
27. Count the number of edges
a) 32 b) 16 c) 26 d) 24

28. Ship: propeller: car:
   a) Wheel b) Rudder c) Crank shaft d) Steering wheel

29. From the answer figures, identify the one which cannot be placed in the problem figure.
   a) a b) b c) c d) d

30. a) only a b) only b and c c) only d d) All a, b, c, d

31. Identify the number of squares in the given problem figure
   a) a b) b c) C d) d
32. 

![Diagram](image)

a) a  

b) b  

c) C  

d) d  

33. Ashu has $d$ books, which is 3 times as many as Ravi $\frac{1}{2}$ as many as Ajit, how may books do the 3 of them have put together in terms of $d$?

a) $\frac{10}{3}d$  

b) $\frac{5}{6}d$  

c) $\frac{7}{3}d$  

d) $\frac{9}{2}d$  

34. 

![Diagram](image)

If the length of the diagonal AB is 13 cms what is the area of the trapezoid?

a) 39  

b) 42  

c) 45  

d) 46.5  

35. Gandhi Labour Institute was designed by

a) Satish Gujral  

b) Phillip Jhonson  

c) Norman Foster  

d) B. V. Doshi  

36. 

![Diagram](image)

a) a  

b) b  

c) c  

d) d  

37. 10 liters is equal to

a) 0.1 Cu.mt  

b) 0.01 Cu.mt  

c) 0.001 Cu.mt  

d) 0.0001 Cu.mt  

38. Minimum width of main door is

a) 3 ft  

b) 3 ft 6 inches  

c) 2 ft 6 inches  

d) 4 ft  

39. 

![Diagram](image)

Identify the odd figure out

a) a  

b) b  

c) c  

d) d
Identify the view of the given 3D object in the direction of the arrow, from the answer choice given below

a) a  b) b  c) c  d) d