Total marks: - 40   Time: - 1 hrs.

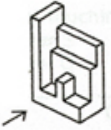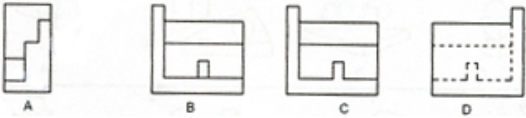| 1.	Inch equals.
	a) 2.54 cm b) 5 cm c) 20 mm d) 15.67 mm
2.	6 motar represents.
	a) 1 part of water 6 part of cement b) 1 part of cement, 6 part of water
	c) 1 part of sant, 6 part of cement d) 1 part fo cement, 6 part of sand
3.	How many A2 sheets can be cur from a A0 sheet of paper.
	a) 5 b) 4 c) 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 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) Netural 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 subtract ed from 1/10 of 5000, the difference is
	a) 0 b) 50 c) 495 d) 500 e)

12.	Curtain walls represent		
	a) Fabric Walls	b) Glass Screens	
	c) Brick Walls	d) Concrete Walls	

13.	A Focal point is		
	a) A point in the centre of a drawing	b) A point in a corner of a drawing	
	c) A point within a circle	d) Center of interest in a drawing	

14.	Gol Gumbaz is a		
	a) Mosque	b) Mausoleum	
	c) Museum	d) Monasry	

15.

Identify the texture

a) Practicle board   b) Mar ble

c) Granite   d) Sand

16. 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?

a) 20   b) 40   c) 80   d) 1000

17.

Identify this building…..

a) Jahangir Mahal, Orchha   b) Amber Palace, Rajasthan

c) Man Mandir Gwalior   d) Akber Palace, Fathepur

18.	The Average height of an India male is?		
	a) 5 feet 6 inches	b) 6 feet 2 inches	
	c) 5 feet 3 inches	d) 4 feet 8 inches	

19.	KanchanJunga Apartments are designed by		
	a) B V Doshi	b) Le-Carbusior	
	c) Charles Correa	d) Edwin Lutyens	

20.	Obelisk is a
	a) Tall, Slender Building b) Tall Slender Twoer 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 us uniformly 1 foot wide, what fraction of he door surface is covered by the the trim. a) 13/48 b) 5/12 c) 7/12 d) 1/2
23.	 Identify the structre 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 givens 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 e)
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 modelshown?
	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

32.	
	Identify the correct elevation as indicated by the arrow.
	a) A b) B c) C d) D

33.	
	Identify the elevation as indicated by the arrow.
	a) A b) B c) C d) D

34.	
	Identify the elevation as indicated by the arrow.
	a) A b) B c) C d) D

| 35. |
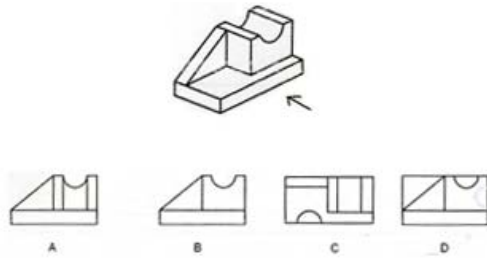
Identify the elevation show by the arrow.

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

| 36. |
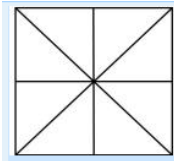
The total number of triangles given in the figure below are

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

| 37. |
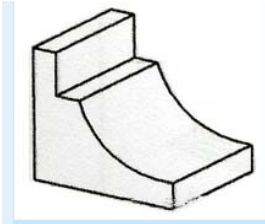
How many surfaces are in the solid object shown below?
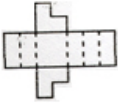
a) 10   b) 8   c) 9   d) 12 |
|---|---|

| 38. |
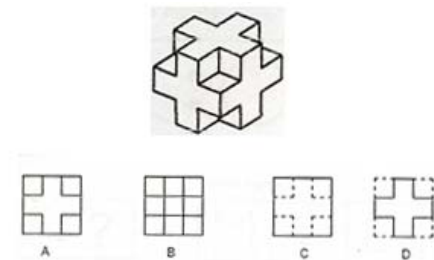
Identify the top view (Plan of this object)
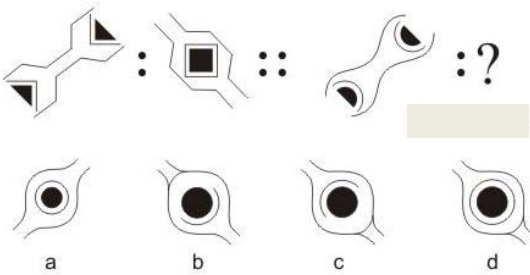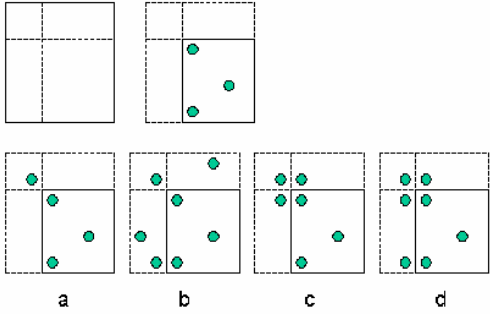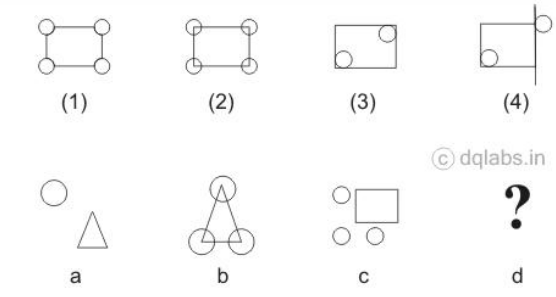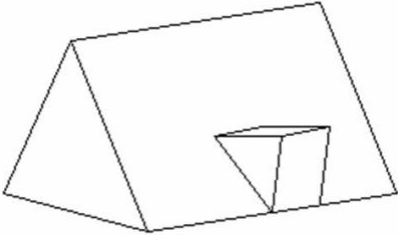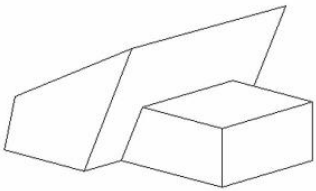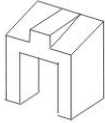
a) 10   b) 8   c) 9   d) 12 |
|---|---|

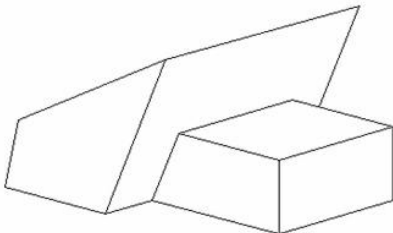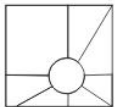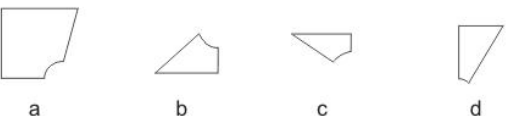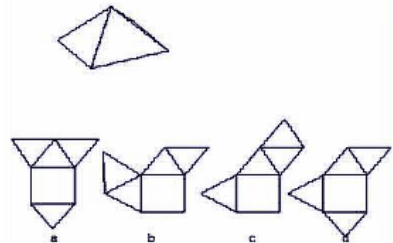| 39.	Jantar Mantar was built as a/an			
	a) Tomb	b) Observatory	c) Shrine	d) Remembrance
40.	 When folded which object will the development form? a) A b) B c) C d) D			
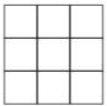
Total marks: - 40   Time: - 1 hrs.

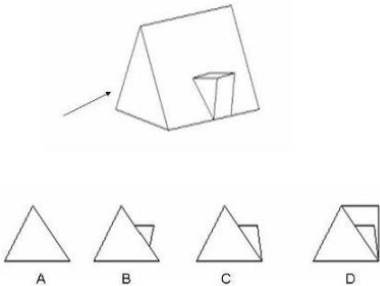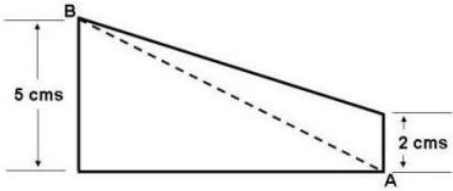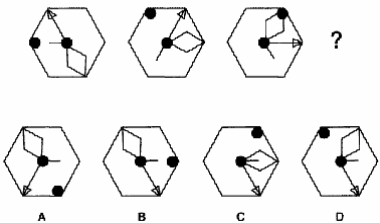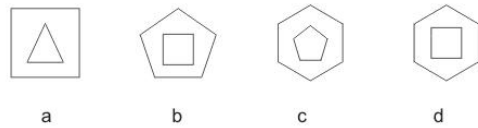| 1.	
	These tiles are better used for
	a) Bathroom b) Lounge c) Pavement d) Road
2.	Kota stone has
	a) Rouge Texture b) Glossy Texture c) Smooth Finish d) Matt Finish
3.	
	Identify the temple
	a) Sun Temple b) Kailash Temple
	c) Lingaraj Temple d) Shore Temple
4.	
	Identify the above wall
	a) Limestone wall b) Granite ashlar
	c) Roughbrick wall d) Terazzo wall
5.	Swimming pool tiles have
	a) Smooth finish b) Glossy finish
	c) Matt finish d) Rough finish
6.	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?
	a) 30 b) 32.5 c) 65 d) 25

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 haning 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.	
	Coun 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.	
	a b c d
	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 b c d
	a) only a b) only b and c c) only d d) All a d c d
31.	
	11 12 14 10
	a b c d
	Identify the number of squares in the given problem figure
	a) a b) b c) C d) d

32.	
	a) a b) b c) C d) d
33.	Ashu has d books, which is 3 times as many as Ravi ½ as many as Ajit, how may books do the 3 of them have put together in terms of d? a) 10/3 d b) 5/6 d c) 7/3 d d) 9/2 d
34.	 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.	 a b c 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.	 a b c d Identify the odd figure out a b c d

40.
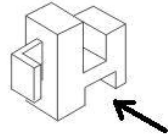
Identify the view of the given 3D object in the direction of the arrow, from the answer choice given below

a) a   b) b   c) c   d) d
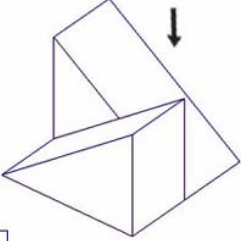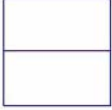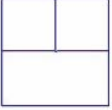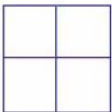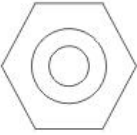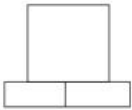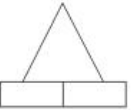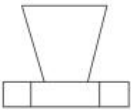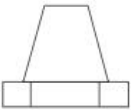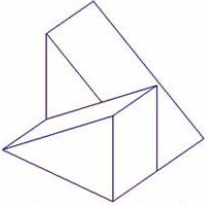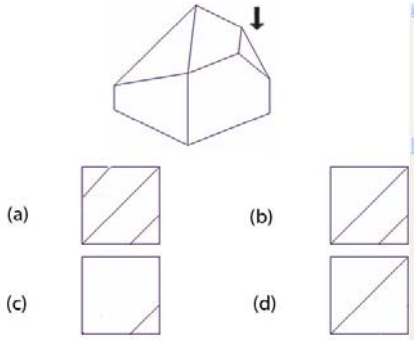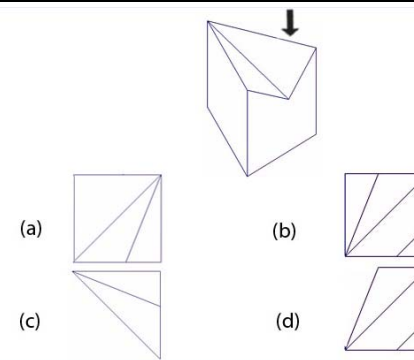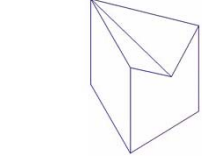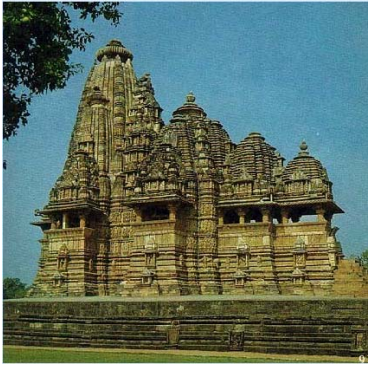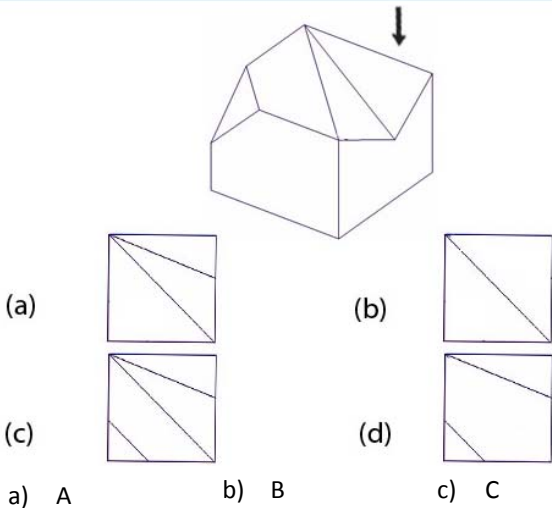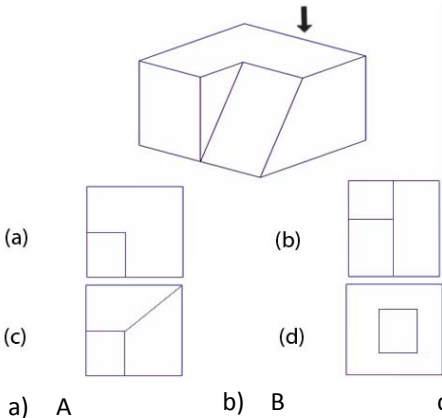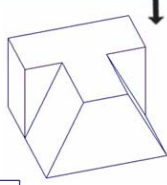
Total marks: - 40   Time: - 1 hrs.

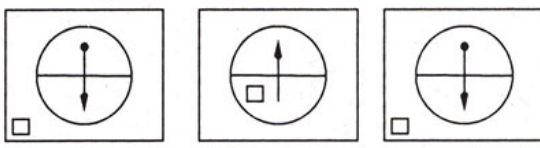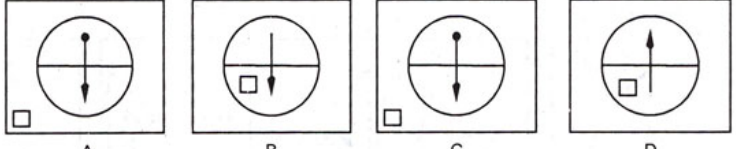| 1.	Natural granite stone texture is ?
	a) Rough b) Smooth c) Shiny d) Non Skid

2.	
	(1) (2) (3) (4)
	a b c d
	Identify the correct figure which can replace the question mark from the given choices
	a) a b) b c) c d) d e)

3.	The texture of a handrail on a staircase would be
	a) Leathery b) Soft c) Smooth d) Matt

4.	King: Royal: :Saint:
	a) Priesthood b) Religious c) Prayer d) Holy book

5.	Efficacy means
	a) Efficient b) Compatibility c) Incompetence d) Bright

6.	
	This is
	a) Stone is wall in Plan b) Stone wall in elevation
	c) Brick wall in plan d) Wooden wall

7.	Opprobrium means
	a) Adulation b) Flattery c) Disgrace d) Sweet Talk

8.	
	a) a b) b c) c d) d
9.	The Antonym of durable
	a) Constant b) Dependable c) Perishable d) Delicate
10.	
	Identify the elevation of the given problem figure, from the answer figures given below
	a) A b) B c) C d) D
11.	The external plaster of a building would be
	a) Undulating b) Smooth c) Spongy d) Rough
12.	Brass is a mixture of
	a) Copper and Steel b) Copper and Zinc
	c) Zinc and Tin d) Copper with high lead content
13.	
	Count the number of vertices
	(a) 10 (b) 11
	(c) 5 (d) 7
	a) A b) B c) C d) D

14.	
	(a) (b) (c) (d)
	a) A b) B c) C d) D
15.	
	(a) (b) (c) (d)
	a) A b) B c) C d) D
16.	
	Count the number of vertices ?
	(a) 3 (b) 5
	(c) 7 (d) 6
	a) 3 b) 5 c) 7 d) 6
17.	
	Identify the Mounment
	a) Shive Temple kanchhipuram b) Udupi Temple
	c) Konark Sun Temple d) Kandariya Mahadeo Temple, Khajuraho

18.	0.0007 = ? a) 7% b) 0.7% c) 0.07% d) 0.007%
19.	Hiden is the same as a) Concealed b) Open c) Unmasked d) Opaque
20.	 a) A b) B c) C d) D
21.	Two walls have the same height and length of 100 cm and 50 cm respectively, if one is 30 cm thick and the other is 25 cm thick what is the difference in volume between the walls? a) 0.25 cubic meter b) 0.025 cubic meter c) 50 cubic meter d) 5 cubic meter
22.	The Highest award for Architecture is a) Pritzker prize b) Booker Prize c) Megasawsay Prize d) Nobel Prize
23.	 a) A b) B c) C d) D

24.	
	a) A b) B c) C d) D
25.	Identify the material
	a) Granite b) Sand c) Jute fabric d) Stucco Plaster
26.	
	Identify the fourth figure from the given answer figures
	a) A b) B c) C d) D
27.	The closest meaning to the word outdated is…..
	a) Recent b) In Fashion c) Perishable d) Ancient
28.	
	Identify the Mounment
	a) Kailash Temple. Ellora b) Konarj Sun Temple
	c) Kandariya Mahadeo Temple, Khajuraho d) Mukteshwar Temple

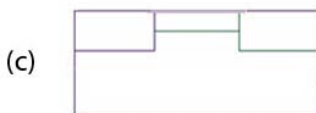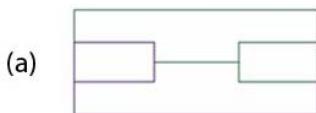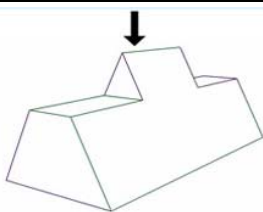|	
29.
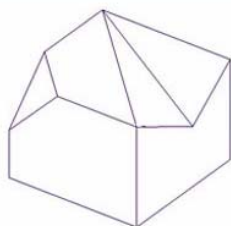
Count the number of horizontal surfaces ?

(a)   3   (b)   2

(c)   4   (d)   6
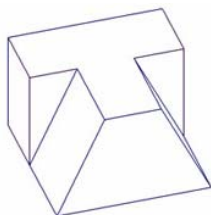
a) A   b) B   c) C   d) D |
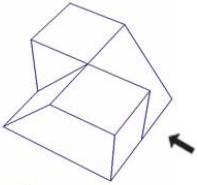| **30.** |

(a)   (b)

(c)   (d)
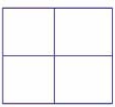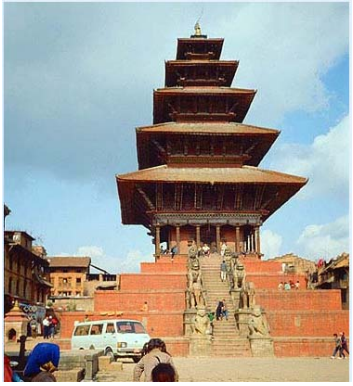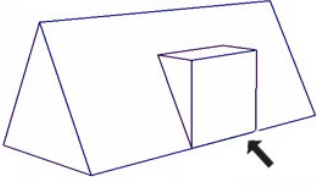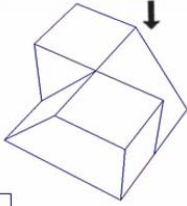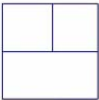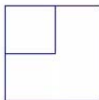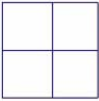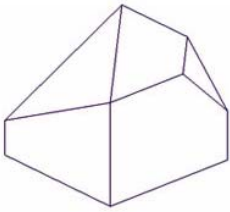
a) A   b) B   c) C   d) D |
| **31.** |

Count the number of vertical edges ?

(a)   7   (b) 4

(c)   5   (d) 2

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

32.	
	(a) (b)
	(c) (d)
	a) A b) B c) C d) D
33.	If a right angled Isosceles Triangle has its equal sides as 10 units what is the largest square that can be fit into it?
	a) 5 sq units b) 25 sq units c) 100 sq units d) 50 sq units
34.	
	Identify the Building
	a) Buddhist Monastry b) Institute of Science, Indore
	c) Nepalese Pagoda d) Japanese Pagoda
35.	
	(a) (b)
	(c) (d)
	a) A b) B c) C d) D

36.	If a cube of sides 8 cm is melted and cubes of sides 4 cm are made, How many cubes will you get ? a) 4 　　 b) 8 　　　 c) 2 　　　 d) 16
37.	 (a) 　　　　　(b) (c) 　　　　　(d) a) A 　　 b) B 　　　 c) C 　　　 d) D
38.	Loud: Stentonan: :Bright: a) Dreary 　 b) Dusky 　　 c) Gloomy 　 d) Radiant
39.	 Count the number of triangular surfaces ? (a) 6 　　　　　(b) 4 (c) 1 　　　　　(d) 2 a) A 　　 b) B 　　　 c) C 　　　 d) D
40.	wax: Candle: : ? : Paper a) Tree 　　 b) Bamboo 　 c) Pilp 　　 d) Wood

Total marks: - 100   Time: - 2 hrs.

Question 1   (50 Marks)

Imagine you are an ant on the top of a half eaten pizza inside a pizza box, the cover of the pizza box is half open, you can see and Pepsi bottle and a cup outside the box, draw the scene.

Question 2   (25 Marks)

Use the basic shapes of a protractor, set square and a ruler and compose an interesting 2D combination. You can resize the shape if required, use any four colours of your choice to colour this composition.

Question 3   (25 Marks)

Use the basic shapes of a pencil, eraser and sharpener create an interesting stable composition, you can scale each object to any size of your choice, and use them in multiples, but it has to have a minimum of one of each of these objects.

Total marks: - 100   Time: - 2 hrs.

Question 1   **(50 Marks)**

You are an ant on a table with two bottles and two glasses, each of them contain liquids at different levels, there is a window in the rooms through which light is coming in, draw what you see with light and shadows.

Question 2   **(25 Marks)**

Use the basic 2D shapes found in a bicycle and create an interesting 2D composition of your choice, colour with any 3 colours of your choice.

Question 3   **(25 Marks)**

Create an interesting sculpture Using the basic 3D shapes of sports gear found in a cricket kit For Eg: Wickets, bails etc, You can scale each object to any size of your choice, and use them in multiples, but it has to have a minimum of 3 objects from a cricket kit. Draw the effect of light and shadow on your composition.