

Bloom Reasoning Olympiad

Sample Paper 1

Maximum Time : 60 Minutes

Maximum Marks : 35

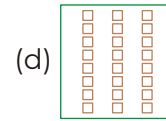
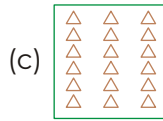
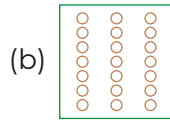
INSTRUCTIONS

1. There will be 35 Multiple Choice Questions in this paper, carrying 1 mark each.
2. Each question has Four Options out of which **ONLY ONE** is correct.
3. All questions are compulsory.
4. There is no negative marking.
5. No electronic devices capable of storing and displaying visual information such as calculator and mobile are allowed during the course of the exam.

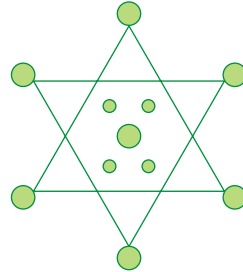
School Name

Student's Name

1. Identify the group of 3 sevens.



2. Count the number of circles in the following figure.



(a) 10

(b) 12

(c) 11

(d) 13

3. If **Red** is coded as **Orange** and **Orange** is coded as **Apple**. Then, what is the colour of Blood?

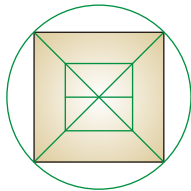
(a) Apple

(b) Red

(c) Orange

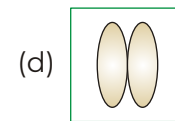
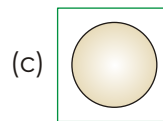
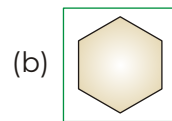
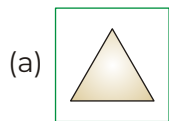
(d) Blue

Direction (Q. No. 4) Observe the given figure carefully and answer the question given below.

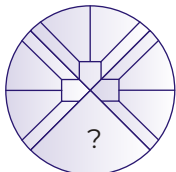


(X)

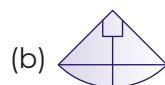
4. Which shape is hidden in figure (X)?



5. Choose the answer figure which will complete the given figure (X).

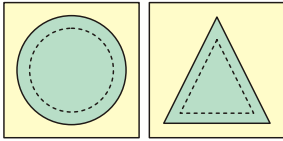


(X)



6. Find the figure which is similar to the given group of figures.

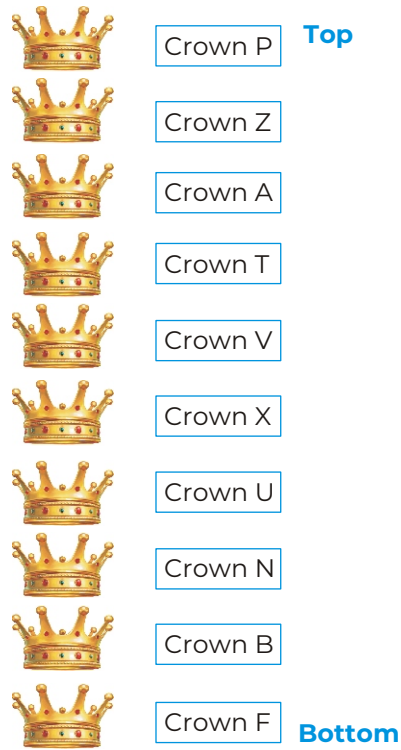
Question Figures



Answer Figures

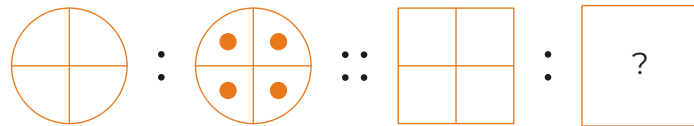


7. According to the arrangement given below which of the following crown is exactly middle of 'Crown A' and 'Crown B'?

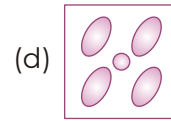
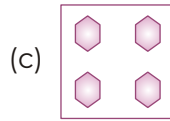
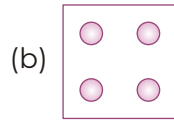
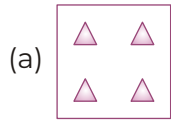


- (a) X (b) V (c) U (d) T

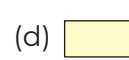
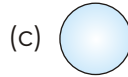
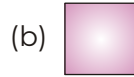
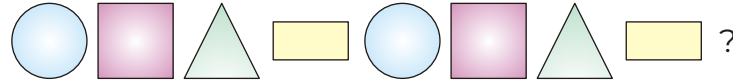
8. Complete the second pair by choosing a figure from the given alternatives.



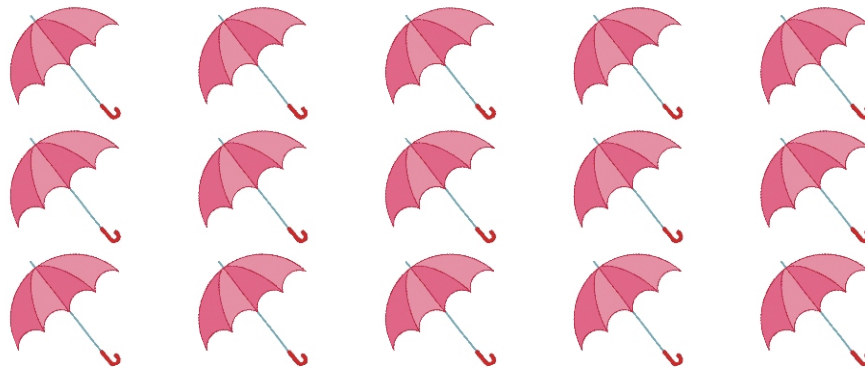
9. Find the odd one out.



10. Which figure will replace the question mark (?) ?



11. How many groups of 3 umbrellas can be formed?



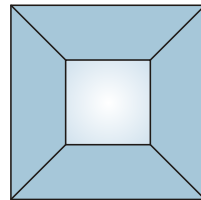
(a) 4

(b) 5

(c) 6

(d) 7

12. What is the total number of straight lines in the given figure?



(a) 10

(b) 12

(c) 11

(d) 9

13. If One is called Two, Two is called Four and Four is called Six. Then what is the addition of Two and One ?

(a) Six

(b) Four

(c) Five

(d) Seven

14. Find the number which will complete the following series.



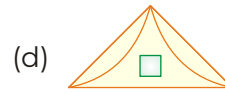
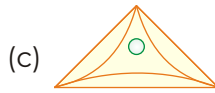
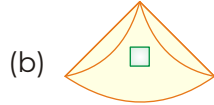
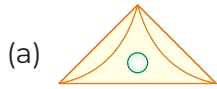
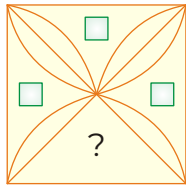
(a) 5

(b) 4

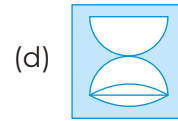
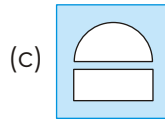
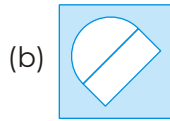
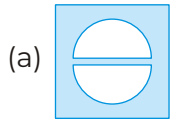
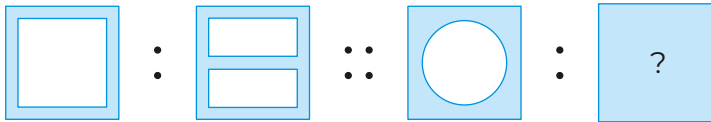
(c) 3

(d) 2

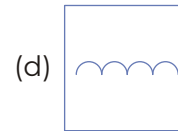
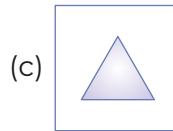
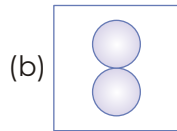
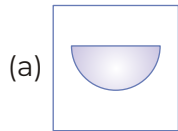
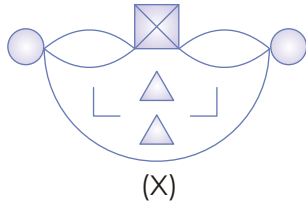
15. Complete the pattern figure by choosing the correct option figure.



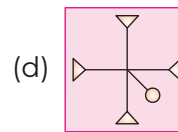
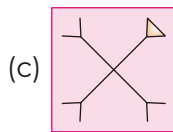
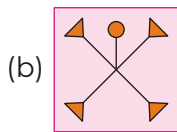
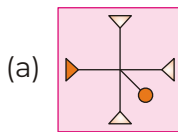
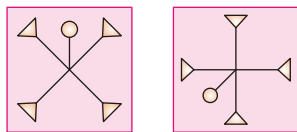
16. Which of the following figure will complete the given pair?



17. Which of the following part is hidden in the given figure (X)?



18. Choose the shape which is similar to the given group of shapes.



19. Some Teddy are arranged in a line from left to right.



If position of Teddy L and Teddy B are interchanged, then which Teddy will be an immediate neighbour of Teddy T ?

- (a) L (b) B (c) O (d) R

20. Choose the figure which will complete the second pair.



- (a)  (b)  (c)  (d) 

21. Four number given below. Choose the one which is different from others.

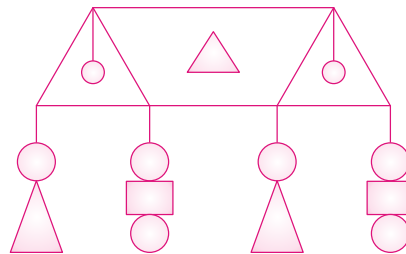
- (a) 12 (b) 14 (c) 41 (d) 18

22. What comes next in the series given below?



- (a)  (b)  (c)  (d) 

23. There are circles and triangles in the given figure below.

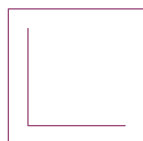


- (a) 7, 5 (b) 4, 5 (c) 8, 5 (d) 5, 6

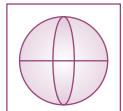
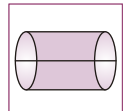
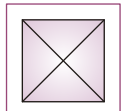
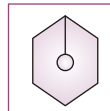
24. If PFA is coded as FPA and BIT is coded as IBT, then what is the code for SIN ?

- (a) ISN (b) NIS (c) INS (d) NSI

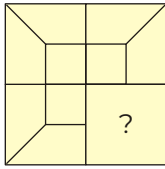
25. In which of the following figure, the given shape (X) is hidden?



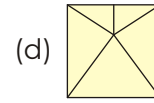
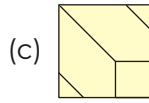
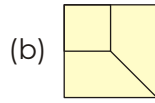
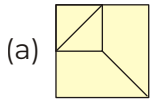
(X)

- (a)  (b)  (c)  (d) 

26. Complete the pattern figure (X) by choosing the correct option figure.



(X)



27. How many letters are between letter S and letter F according to given arrangement?

Left **A F G I U N S K M** Right

(a) 4

(b) 5

(c) 3

(d) 2

28. Complete the second pair in the same way as first pair.

14 : 12 :: 18 : ?

(a) 19

(b) 13

(c) 15

(d) 16

29. Find the odd one out.

(a) 13

(b) 15

(c) 17

(d) 19

30. If the code for FAR is GBS and the code for TAB is UBC, then what will be the code for BAT ?

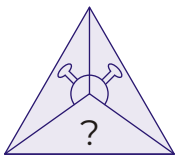
(a) CBU

(b) UBC

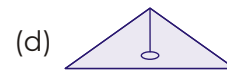
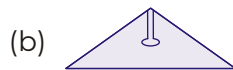
(c) CUB

(d) BUC

31. Complete the pattern figure (X) by choosing the correct option figure.



(X)



32. If 42 is coded as 8 and 32 is coded as 6, then what is the code for 26?

(a) 13

(b) 16

(c) 14

(d) 12

33. Find the missing number from the given series.

15	20	25	30	?
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(a) 35

(b) 40

(c) 45

(d) 50

34. Complete the second pair in the same way as first pair.

SKY : BLUE :: GRASS : ?

(a) WHITE

(b) BLACK

(c) PINK

(d) GREEN

35. Who is third to the right of Kamal?



(a) Tapan

(b) Chaman

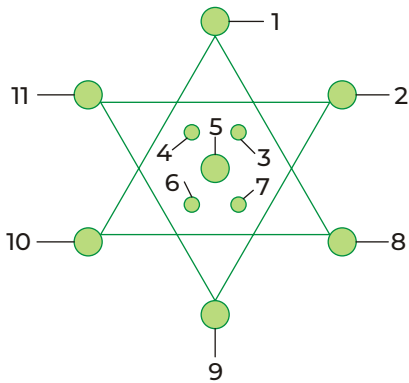
(c) Kiran

(d) Naman

Solutions

1. (b) Group in option (b) contains 3 column of seven elements each.

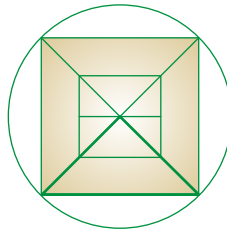
2. (c)



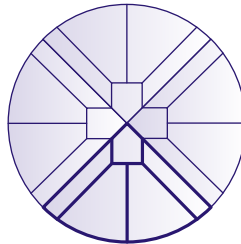
So, there are 11 circles in the following figure.

3. (c) The colour of Blood is Red. But, here Red is called Orange. So, the colour of Blood is Orange.

4. (a) Option figure (a) is hidden in the given figure (X), as given below.

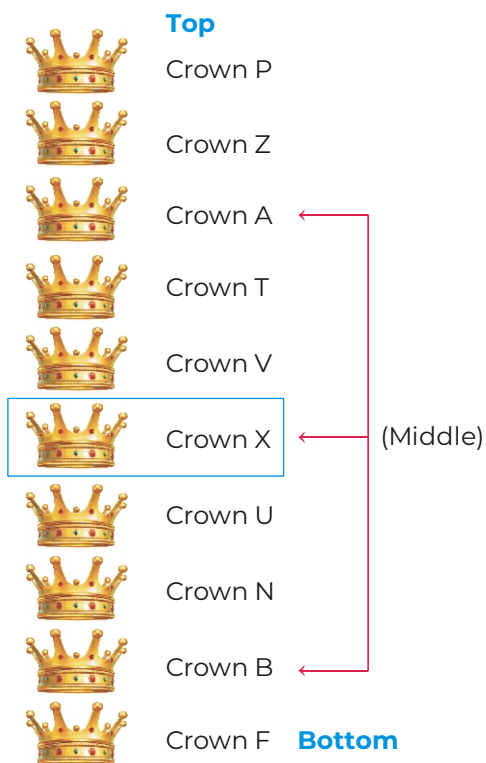


5. (d) The option figure (d) will complete the given pattern as given below.



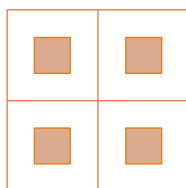
6. (c) Figure in option (c) has a dotted shape inside the outer shape as in the question figures.

7. (a) According to question,

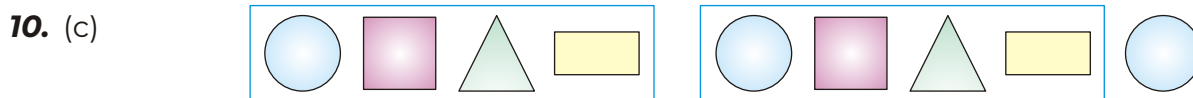


Hence, Crown 'X' is exactly middle of 'Crown A' and 'Crown B'.

8. (d) Outer shape of the image is drawn in each of the part inside the figure.

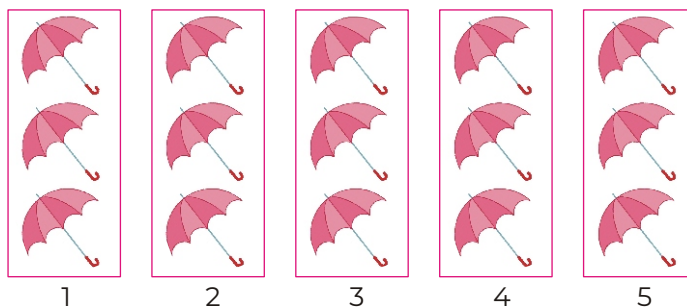


9. (d) Except option (d), all other are four similar shapes.



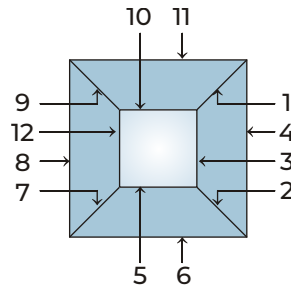
Hence, circle will replace the question mark.

11. (b) According to question,



Hence, 5 groups of 3 umbrellas can be formed.

12. (b) According to question,



Here, \ — Slant 4
 — — Horizontal 4
 | — Vertical 4

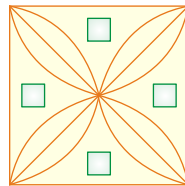
So, $4 + 4 + 4 = 12$

Hence, there are 12 straight lines in the given figure.

13. (a) Two will be called 'four' and one will be called two, and their sum is = four + two = six.

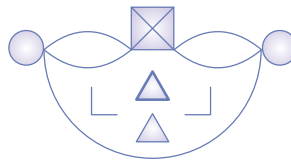
14. (c) $18 \xrightarrow{-3} 15 \xrightarrow{-3} 12 \xrightarrow{-3} 9 \xrightarrow{-3} 6 \xrightarrow{-3} 3$. Hence, 3 will complete the series.

15. (d) Figure in option (d) will complete the given pattern as shown below.



16. (a) Option figure (a) will complete the given pair.

17. (c) Option figure (c) is hidden in the given figure (X) as shown below.



18. (d) Option figure (d) has 4 triangles, 3 lines and a circle.

19. (a) After interchange of the position of Teddy B and Teddy L, immediate neighbour of Teddy T is Teddy L.

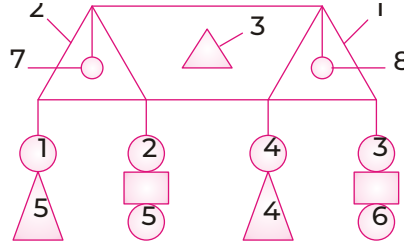


20. (c) First figure is flipped down to get the second figure. So, figure in option (c) will complete the second pair.

21. (c) Except 41, all other are even numbers.

22. (b) AA \xrightarrow{BB} CC \xrightarrow{DD} EE \xrightarrow{FF} GG \xrightarrow{HH} II
 So, II will replace the question mark.

23. (c) According to question,

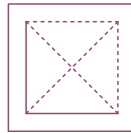


Hence, there are 8 circles and 5 triangle in the given figure.

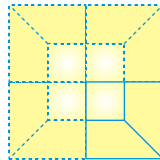
24. (a) As, $\begin{matrix} P & F & A \\ & \swarrow & \downarrow \\ F & P & A \end{matrix}$ and $\begin{matrix} B & I & T \\ & \swarrow & \downarrow \\ I & B & T \end{matrix}$

Similarly, $\begin{matrix} S & I & N \\ & \swarrow & \downarrow \\ I & S & N \end{matrix}$

25. (c) The given figure (X) is hidden in option figure (c) as shown below.



26. (b) Option figure (b) will complete the given figure as shown below.



27. (a) According to question,

A F G I U N S K M
 4 Letters

So, there are four letters between letter F and letter S.

28. (d) As, $14 - 2 = 12$. Similarly, $18 - 2 = 16$

29. (b) Except option (b), all other are prime numbers.

30. (a) As,

F	A	R
---	---	---

 and

T	A	B
---	---	---

 $+1$ $+1$ $+1$ Next letter $+1$ $+1$ $+1$ Next letter

G	B	S
---	---	---

U	B	C
---	---	---

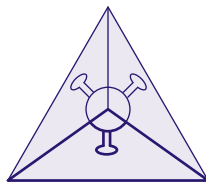
Similarly,

B	A	T
---	---	---

 $+1$ $+1$ $+1$

C	B	U
---	---	---

31. (a) Option figure (a) will complete the given pattern figure (X) as given below.

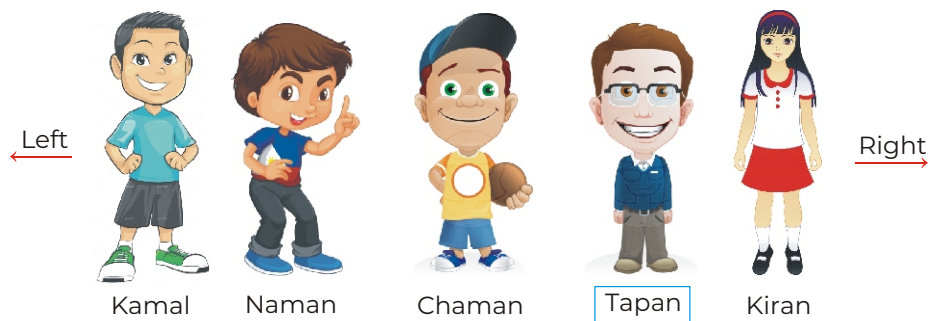


32. (d) As, $42 \Rightarrow 4 \times 2 = 8$ and $32 \Rightarrow 3 \times 2 = 6$
 Similarly, $26 \Rightarrow 2 \times 6 = 12$

33. (a) The pattern will be as follows; $15 \xrightarrow{+5} 20 \xrightarrow{+5} 25 \xrightarrow{+5} 30 \xrightarrow{+5} 35$
 Hence, 35 is the missing number.

34. (d) As, the colour of Sky is BLUE. Similarly, the colour of GRASS is GREEN.

35. (a) According to question,



Tapan is third to the right of Kamal.