

Chapter

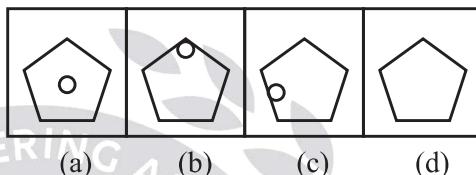
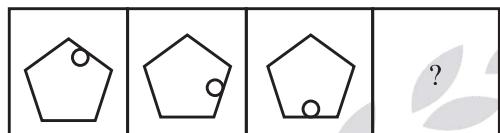
3

Spatial Aptitude

3.1 Series

Which of the Answer Figures given should come after the next Figures on the left if the sequence is continued.

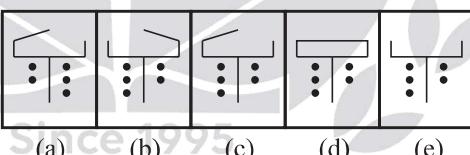
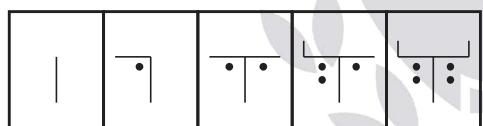
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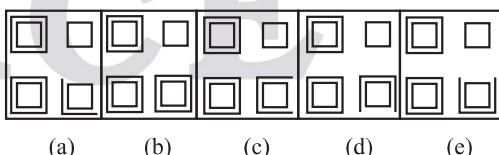
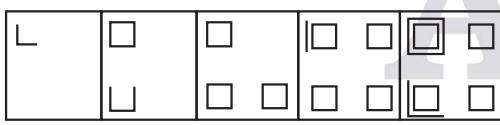
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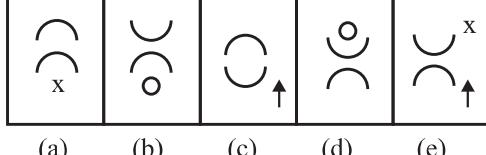
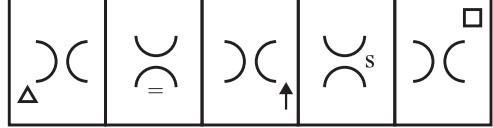
03.



04.



05.

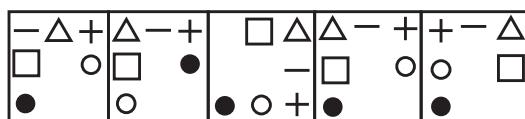
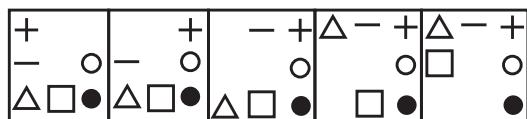


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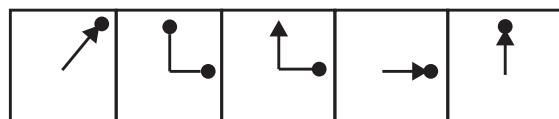
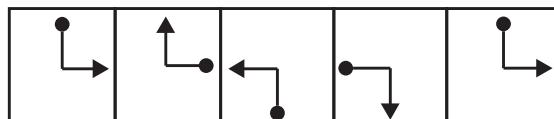
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06.



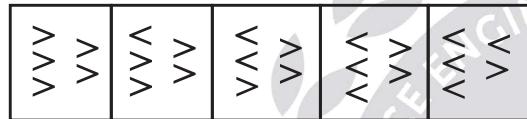
(a) (b) (c) (d) (e)

07.



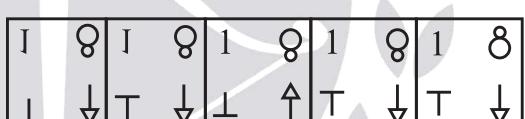
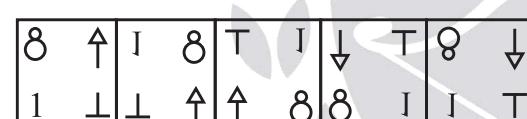
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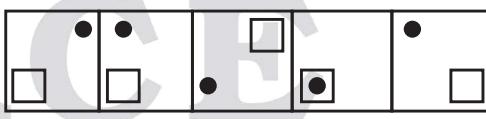
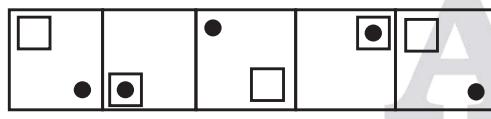
(a) (b) (c) (d) (e)

09.



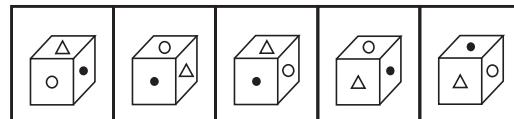
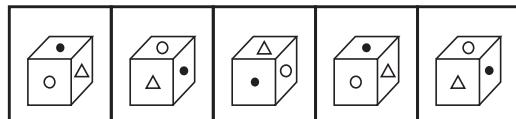
(a) (b) (c) (d) (e)

10.



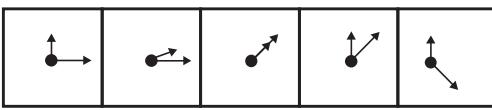
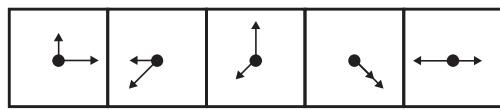
(a) (b) (c) (d) (e)

11.



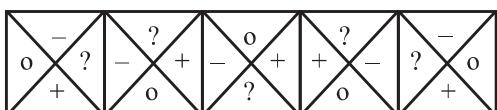
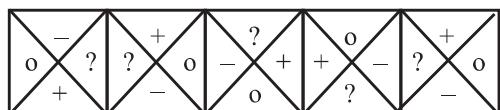
(a) (b) (c) (d) (e)

12.



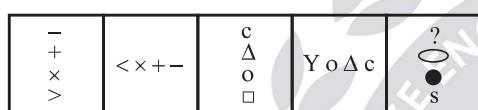
(a) (b) (c) (d) (e)

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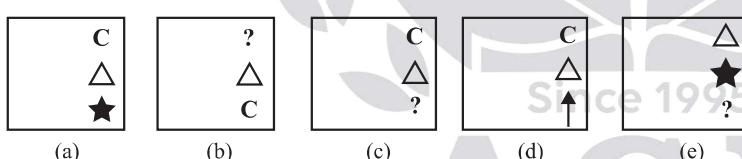
(a) (b) (c) (d) (e)

14.



(a) (b) (c) (d) (e)

15.



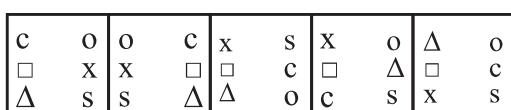
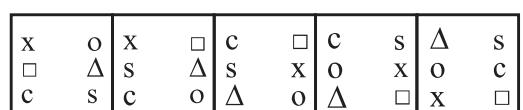
(a) (b) (c) (d) (e)

16.



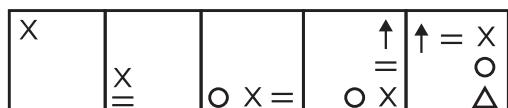
(a) (b) (c) (d) (e)

17.



(a) (b) (c) (d) (e)

18.



(a) (b) (c) (d) (e)

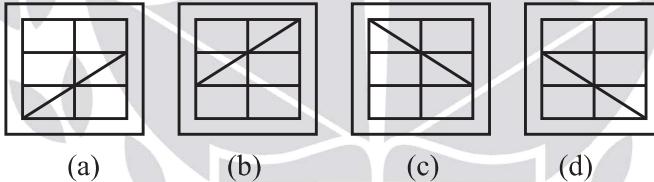
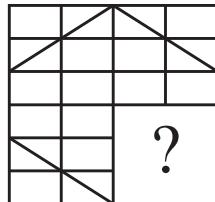
KEY for Series

01. (c)	02. (c)	03. (c)	04. (e)	05. (d)	06. (d)	07. (c)	08. (b)	09. (d)	10. (d)
11. (c)	12. (d)	13.(a)	14. (c)	15. (c)	16. (c)	17. (e)	18. (c)		

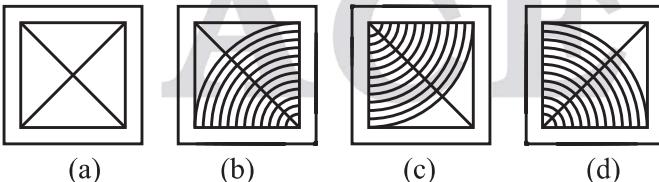
3.2. Pattern Completion

In the following question, which answer figure will complete the question figure?

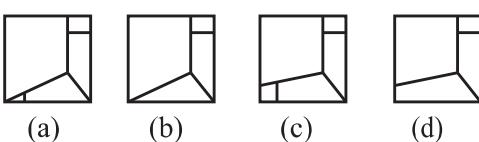
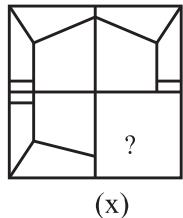
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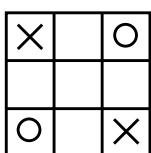
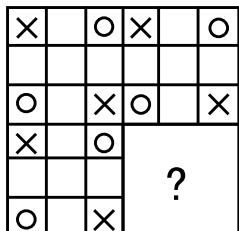
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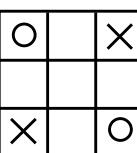
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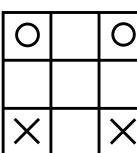
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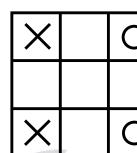
(a)



(b)

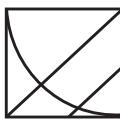
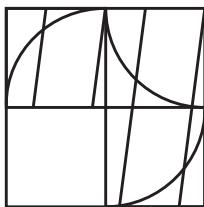


(c)

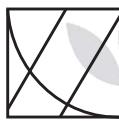


(d)

05.



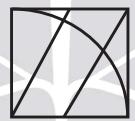
(a)



(b)

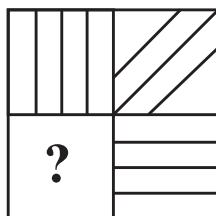


(c)

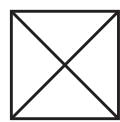


(d)

06.



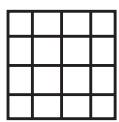
(a)



(b)

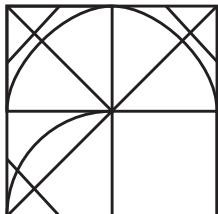


(c)

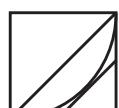


(d)

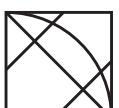
07.



(a)



(b)

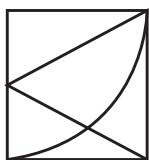
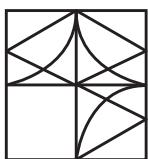


(c)

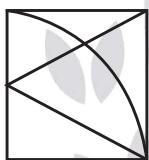


(d)

08.



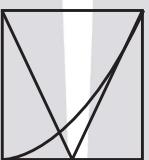
(a)



(b)

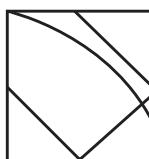
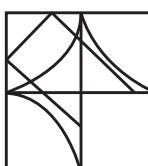


(c)

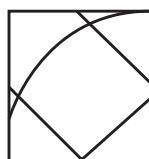


(d)

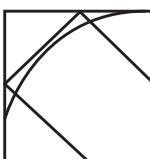
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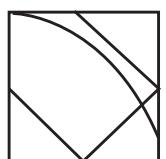
(a)



(b)



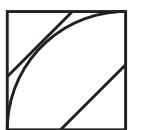
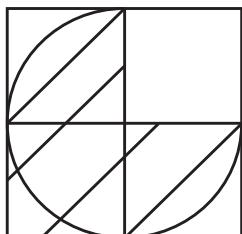
(c)



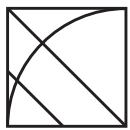
(d)



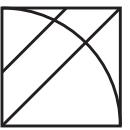
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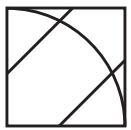
(a)



(b)

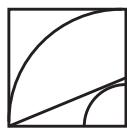
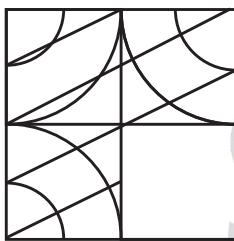


(c)



(d)

11.



(a)



(b)

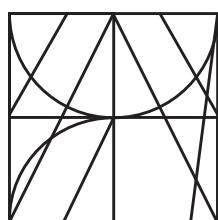


(c)



(d)

12.



(a)



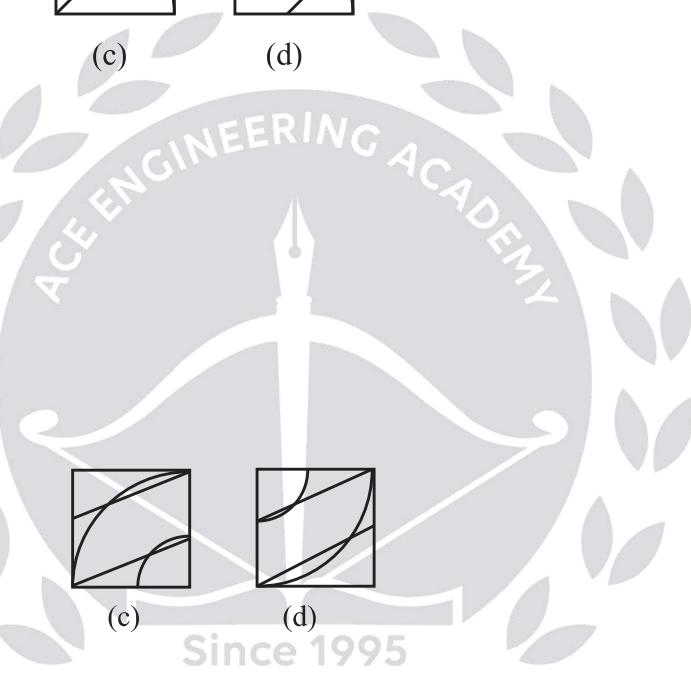
(b)



(c)



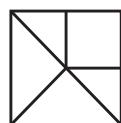
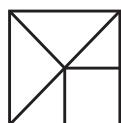
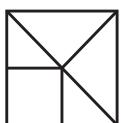
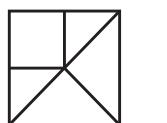
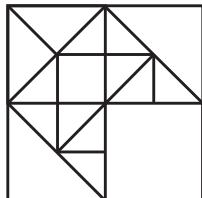
(d)



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Since 1995

13.



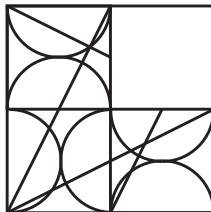
(a)

(b)

(c)

(d)

14.



(a)

(b)

(c)

(d)

Since 1995

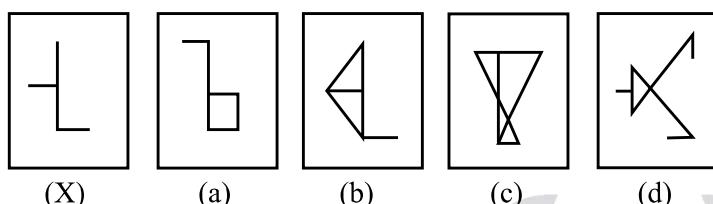
KEY for Pattern Completion

01. (a)	02. (c)	03. (d)	04. (a)	05. (c)	06. (a)	07. (a)	08. (b)	09. (b)	10. (d)
11. (c)	12. (a)	13. (a)	14. (a)						

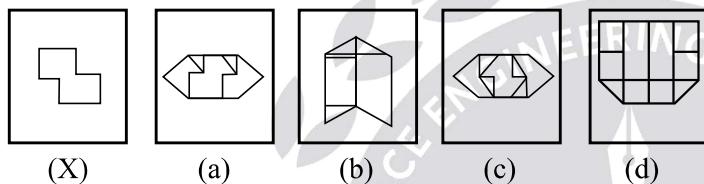
3.3 Spotting out Embedded Figure

Find out the alternate figure which contains figure (X) as its part.

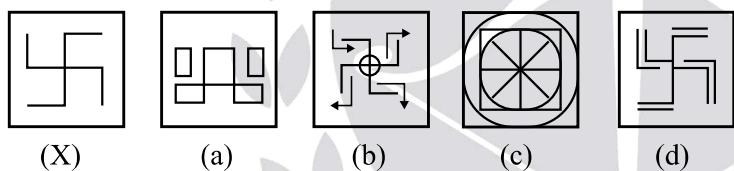
01.



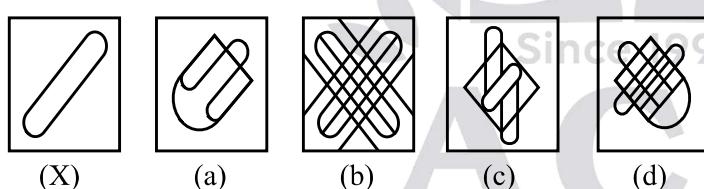
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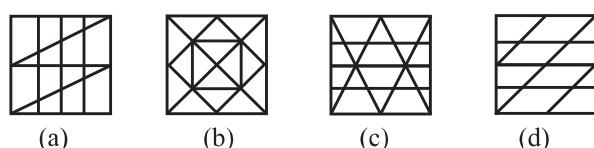
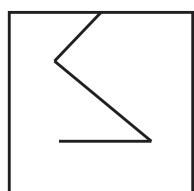
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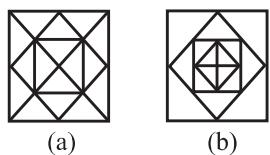
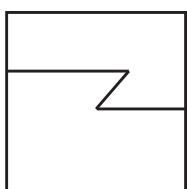
04.



05.



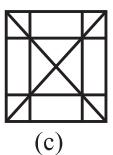
06.



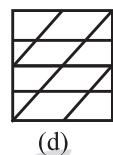
(a)



(b)

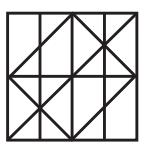
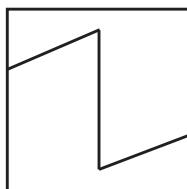


(c)

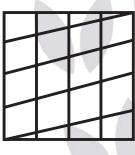


(d)

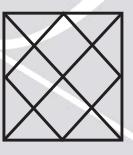
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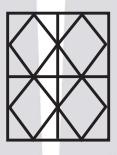
(a)



(b)

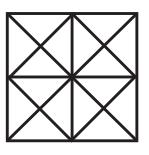
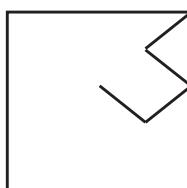


(c)

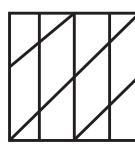


(d)

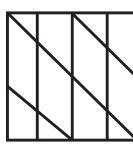
08.



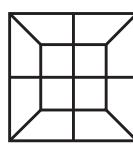
(a)



(b)

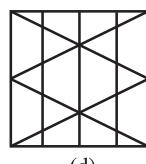
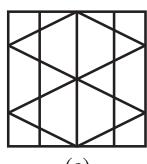
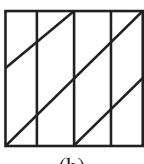
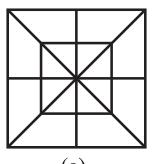
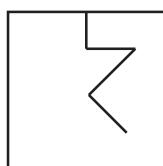


(c)



(d)

09.



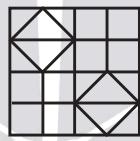
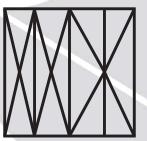
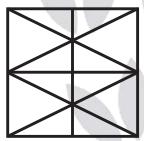
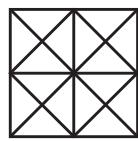
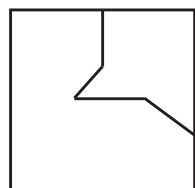
(a)

(b)

(c)

(d)

10.



(a)

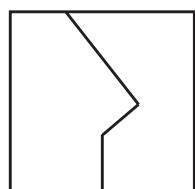
(b)

(c)

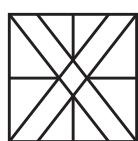
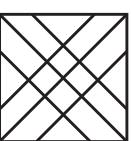
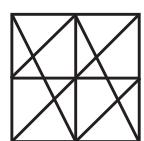
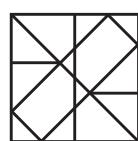
(d)

Since 1995

11.



ACE



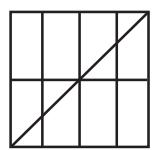
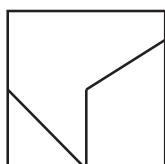
(a)

(b)

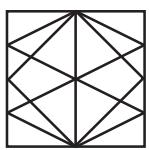
(c)

(d)

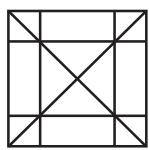
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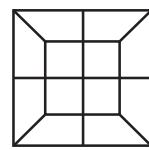
(a)



(b)

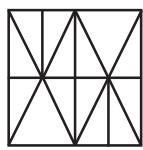
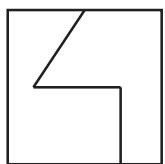


(c)

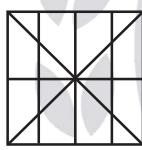


(d)

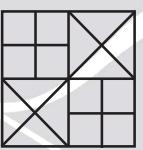
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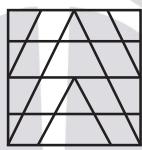
(a)



(b)

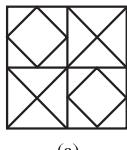
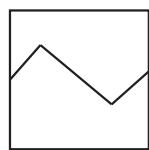


(c)

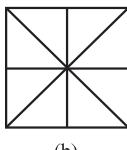


(d)

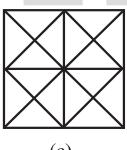
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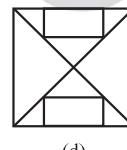
(a)



(b)



(c)



(d)

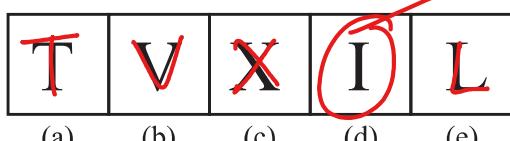
KEY for Spotting out Embedded Figure

01. (b)	02. (c)	03. (c)	04. (b)	05. (b)	06. (d)	07. (b)	08. (a)	09. (a)	10. (d)
11. (d)	12. (b)	13.(a)	14. (c)						

3.4. Odd one out/ Classification

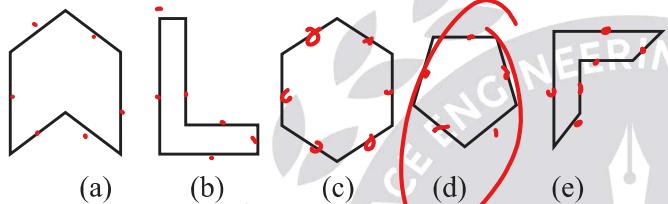
Each of the following questions consists of five shapes in a row. They all have something in common, except one. You must find the odd one out.

01.



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

02.



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

no of sides

lines

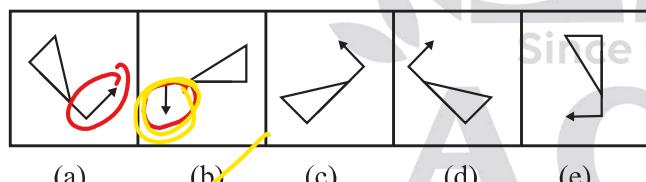
03.



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

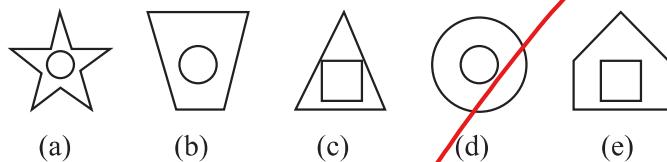
no of lines

04.



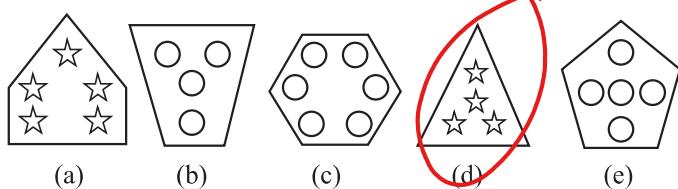
- (a) (b) (c) (d) (e)

05.



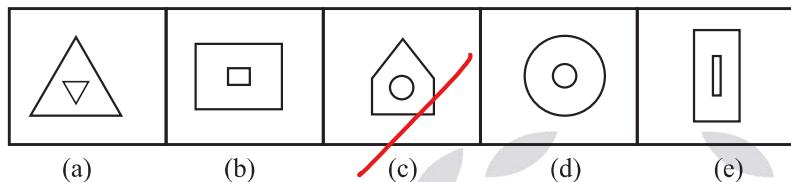
- (a) (b) (c) (d) (e)

06.



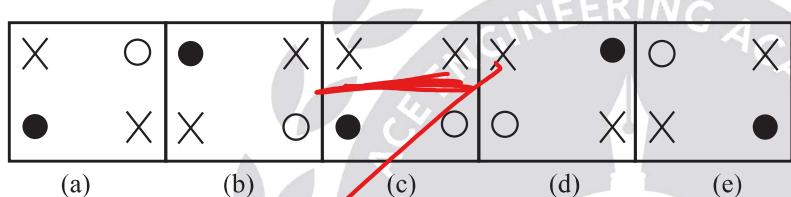
no of sides
= no of figures

07.

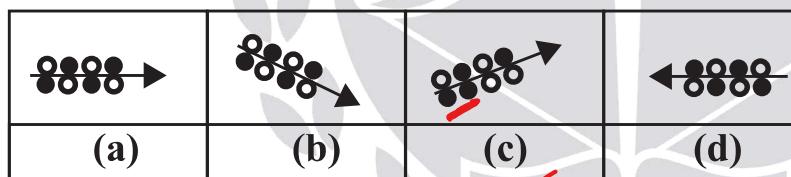


Innev=outer
figure
sum

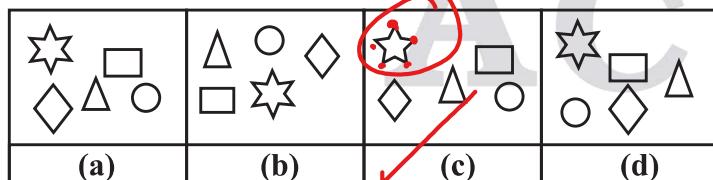
08.



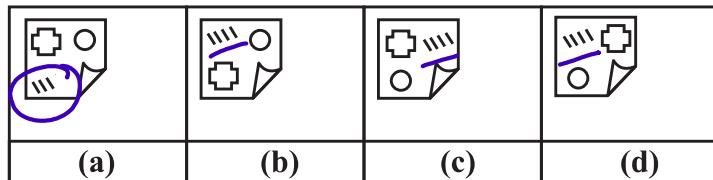
09.



10

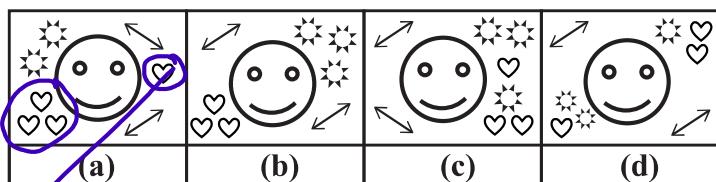


11.

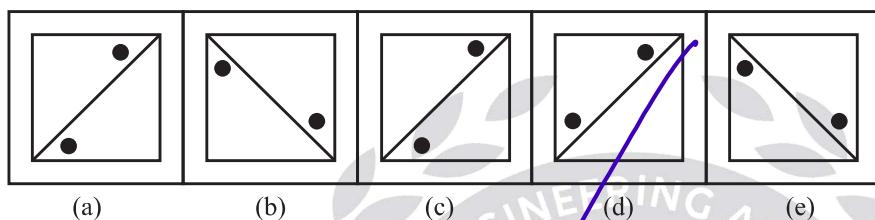


no of lines

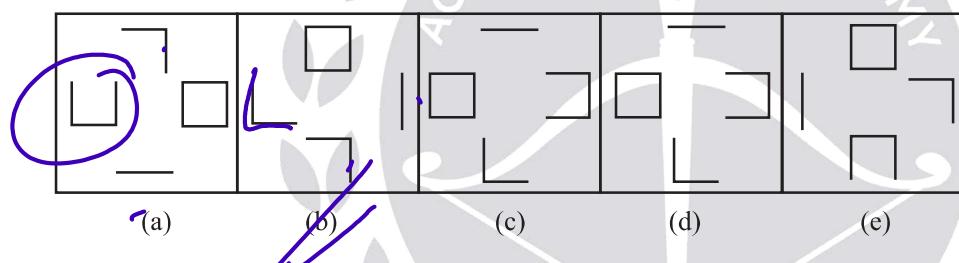
12.



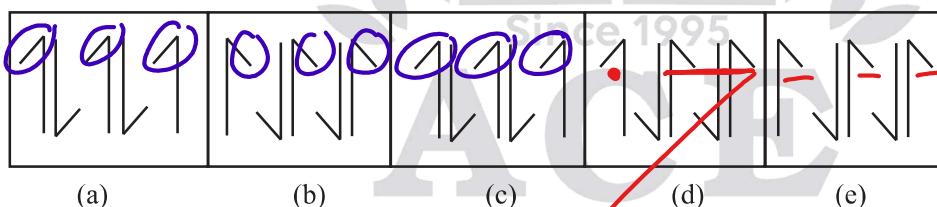
13.



14.



15.


KEY for Odd one out / Classification

01. (d)	02. (d)	03. (d)	04. (b)	05. (d)	06. (d)	07. (c)	08. (c)	09. (c)	10. (c)
11. (b)	12. (c)	13. (d)	14. (b)	15. (d)					

3.5 Mirror & Water Images

From the following choose the alternative that correctly represents the water image of the word

01. N 4 t O j 3

wat

3

3

- (a) N 4 t O j 3
- (b) A t O j 3
- (c) N t O j 3
- (d) A t O j 3

02. FAMILY

- (a) YMALF
- (b) YLIMAY
- (c) EYMA
- (d) YLIMA

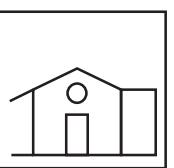
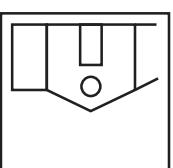
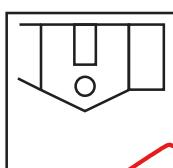
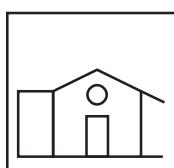
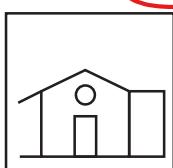
03. U4P15B7

- (a) U4P15B7
- (b) U4P15B7
- (c) U4P15B7
- (d) U4P15B7

04. DISC

- (a) CSID
- (b) DISC
- (c) DISC
- (d) DISC

05.



(a)

(b)

(c)

(d)

06. ~~TARAIN1014A~~ ~~1AP~~ (mirror Image)

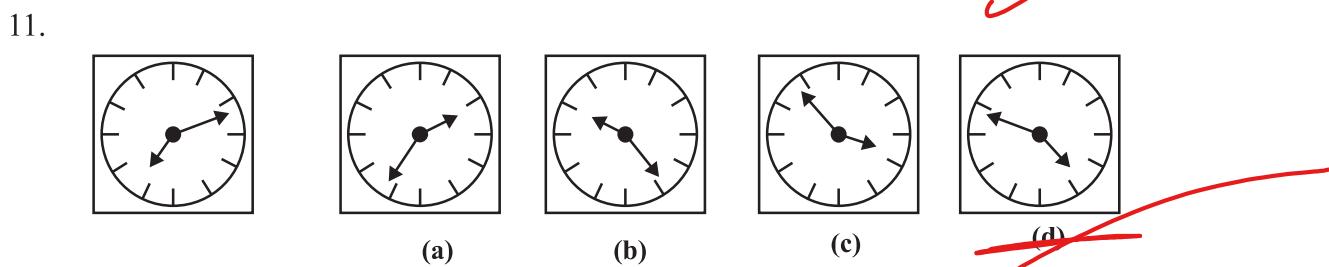
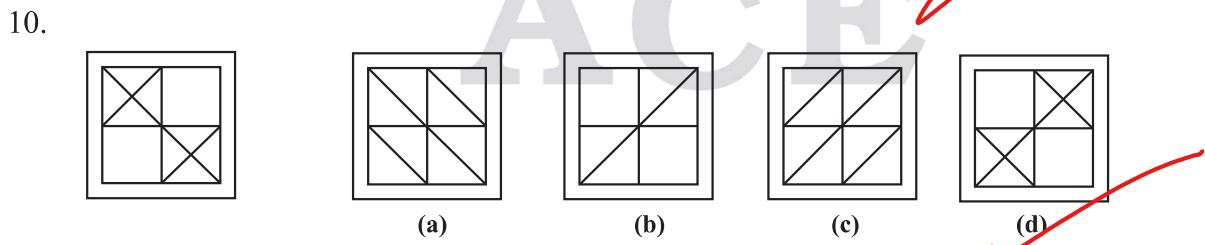
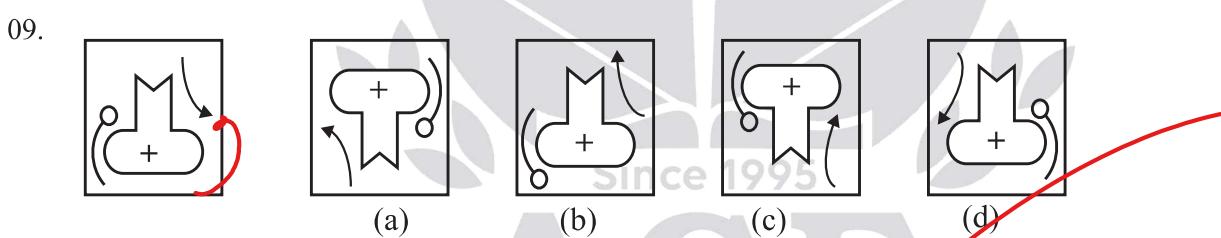
- (a) ~~AFT1014TARAIN1014A~~ (b) ~~TARAIN1014A~~
 (c) ~~Q~~ ~~1A1014TARAIN1014A~~ (d) ~~AFT1014TARAIN1014A~~

07. ~~ANS43Q12~~ ~~IS~~ (mirror Image)

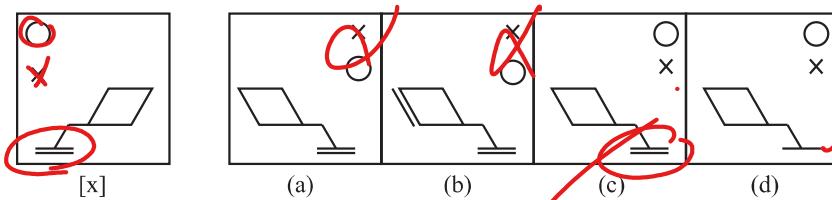
- (a) ~~ANS43Q12~~ (b) ~~ANS43Q12~~
 (c) ~~IS~~ ~~ANS43Q12~~ (d) ~~IS~~ ~~ANS43Q12~~

08. ~~MAGAZINE~~ (mirror Image)

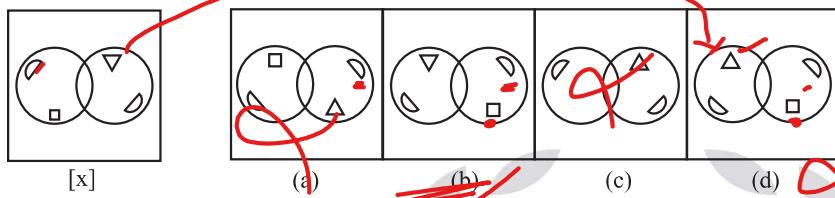
- (a) ~~MAGAZIN~~ (b) ~~MAGAZINE~~
 (c) ~~MAGAZIN~~ (d) ~~MAGAZINE~~



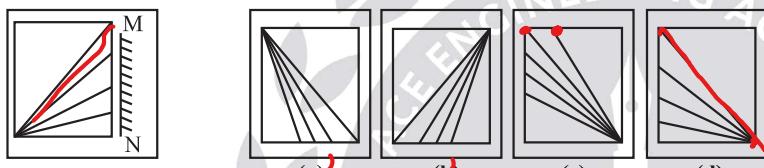
12.



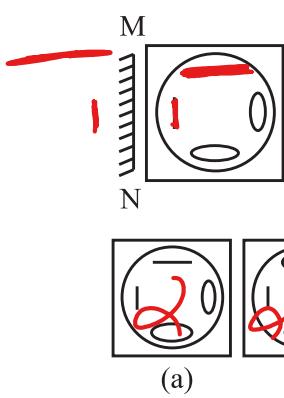
13.



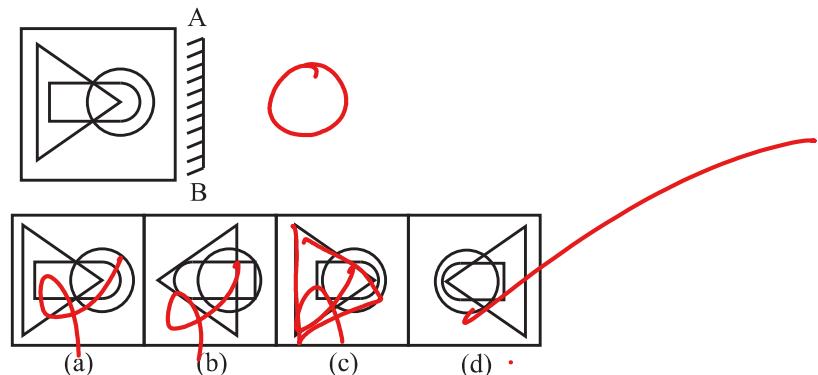
14.



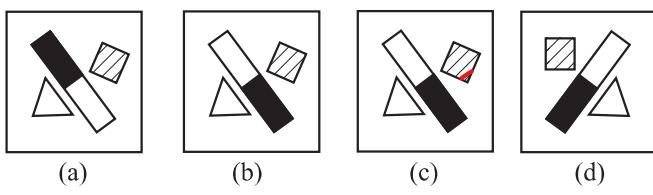
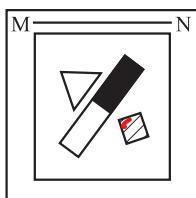
15.



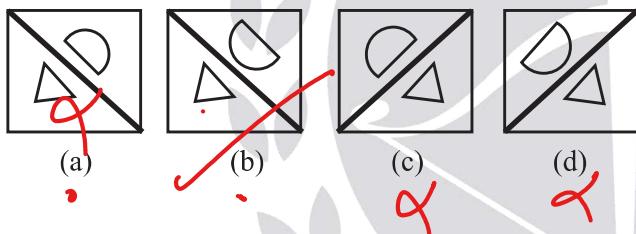
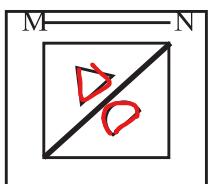
16.



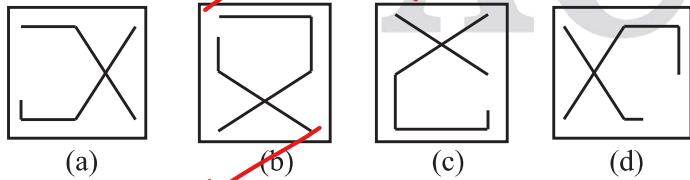
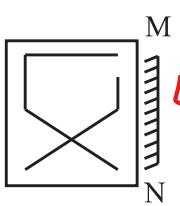
17.



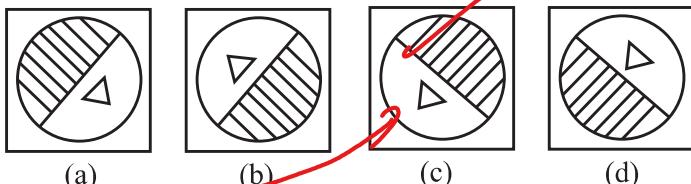
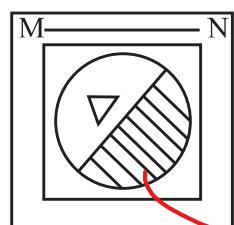
18.



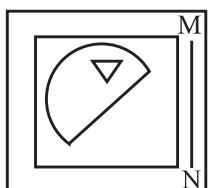
19.



20.

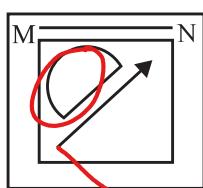


21.



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

22.



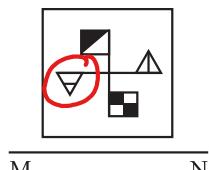
- (a) 
- (b) 
- (c) 
- (d) 

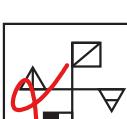
23.



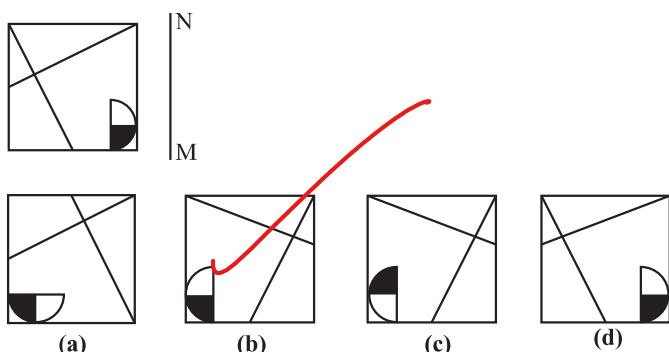
- (a) 
- (b) 
- (c) 
- (d) 

24.

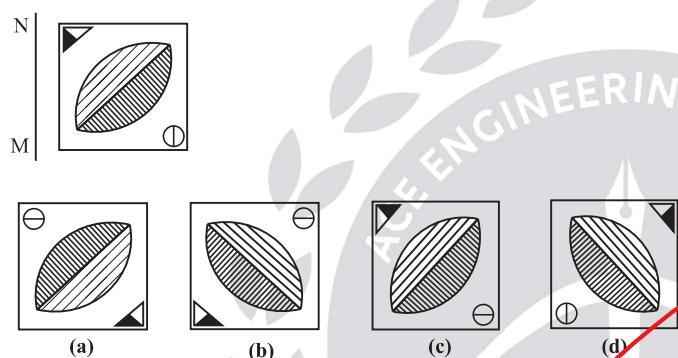
A

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

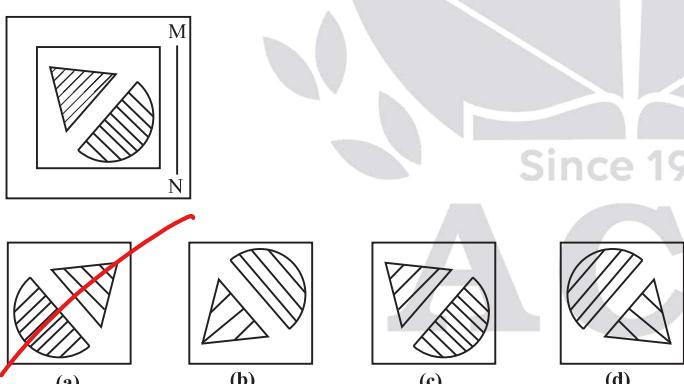
25.



26.



27.



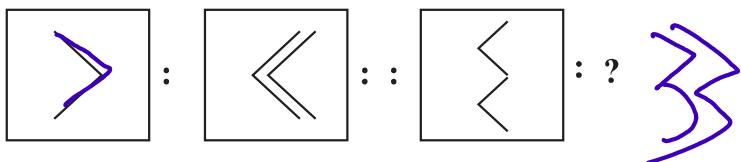
KEY for Mirror & Water Images

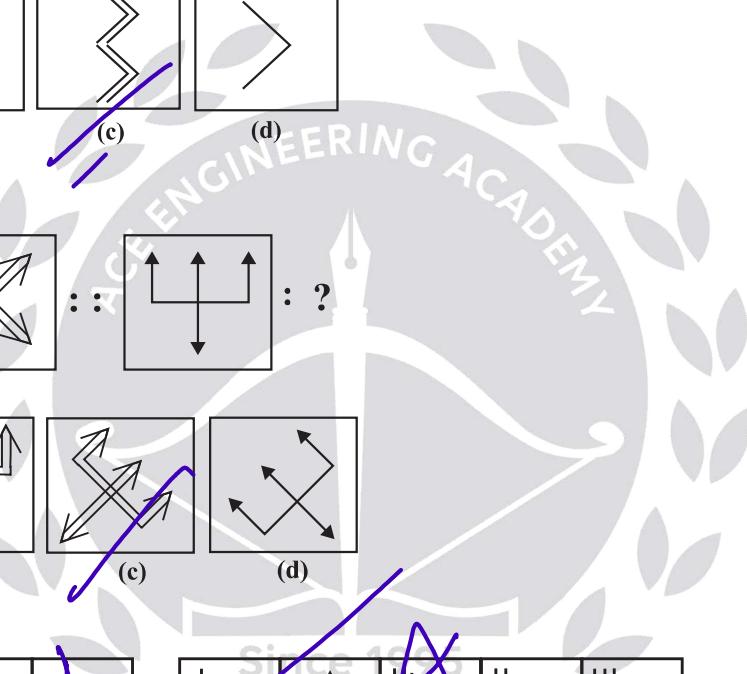
01. (a)	02. (d)	03. (c)	04. (c)	05. (b)	06. (d)	07. (b)	08. (d)	09. (d)	10. (d)
11. (d)	12. (c)	13. (b)	14. (d)	15. (c)	16. (d)	17. (b)	18. (b)	19. (b)	20. (c)
21. (d)	22. (a)	23. (d)	24. (c)	25. (b)	26. (d)	27. (a)			

3.6. Analogy

From the given options identify which should complete the following sequence

01.



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

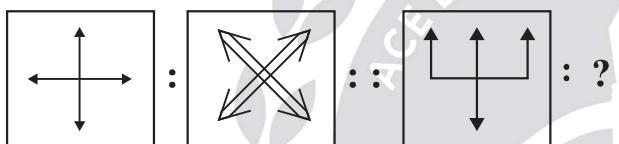
(a)

(b)

(c)

(d)

02.



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

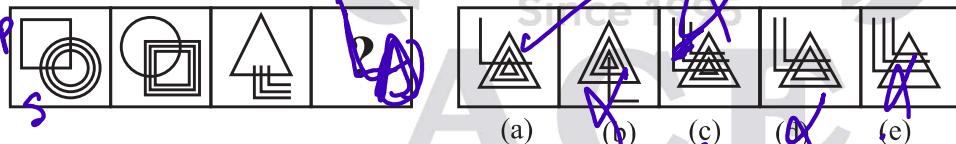
(a)

(b)

(c)

(d)

03.



(a)

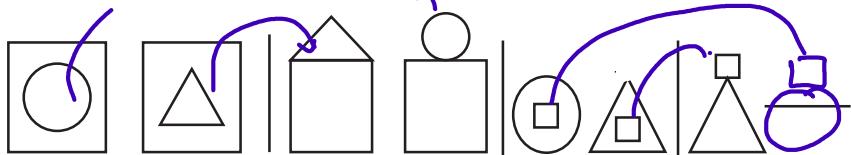
(b)

(c)

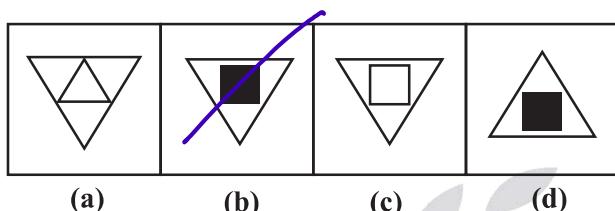
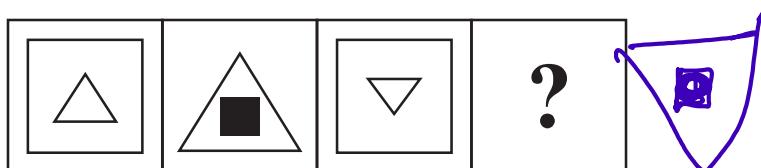
(d)

(e)

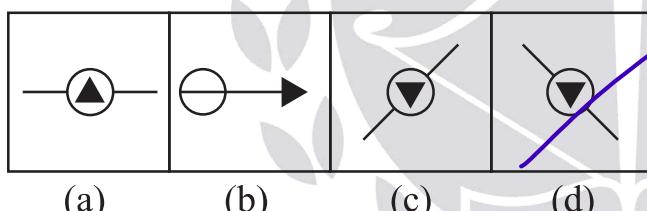
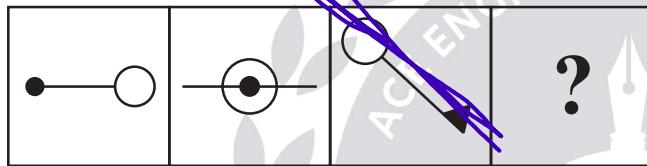
04.



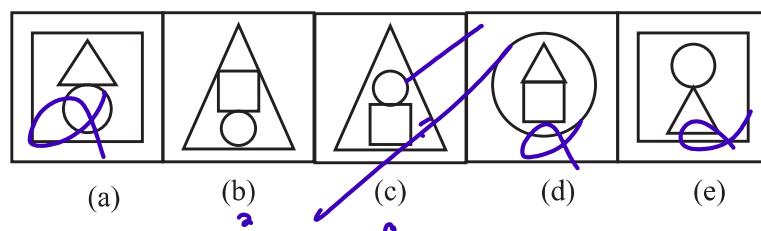
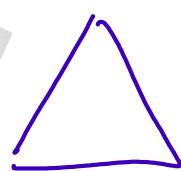
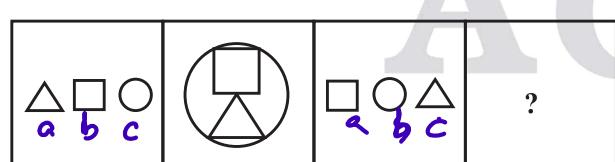
05.



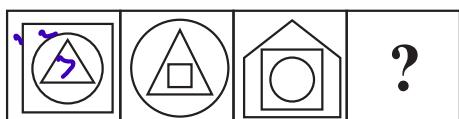
06.



07.

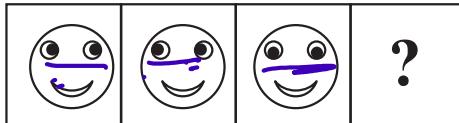


08.



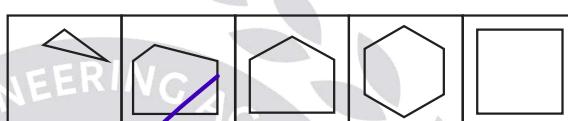
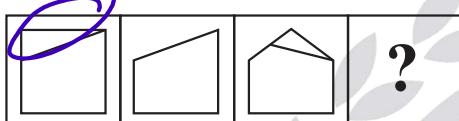
COUNTER
shape
become
Inside

09.

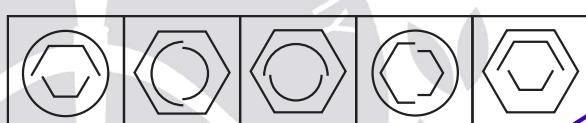


eyes

10.

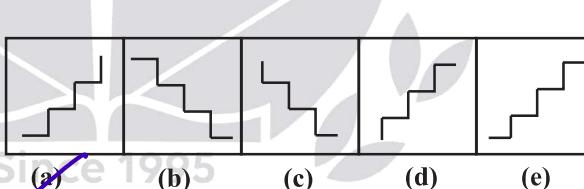
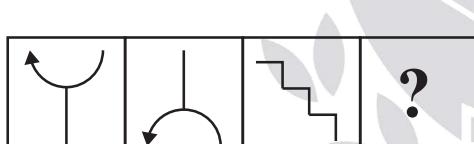


11.



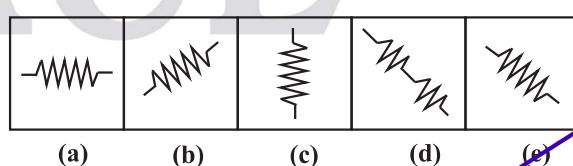
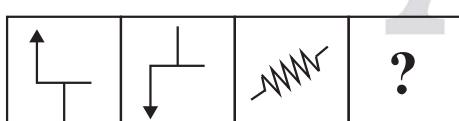
c (e)

12.



water
Imgs

13.



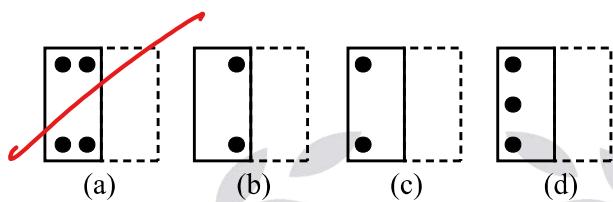
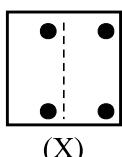
KEY for Analogy

01. (c)	02. (c)	03. (a)	04. (b)	05. (b)	06. (d)	07. (c)	08. (b)	09. (d)	10. (b)
11. (e)	12. (a)	13. (e)							

3.7. Paper Folding

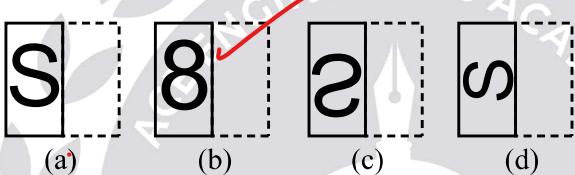
Find out from amongst the four alternatives (a), (b), (c), (d), as to how the pattern would appear when the transparent sheet(X) is folded at the dotted line.

01.



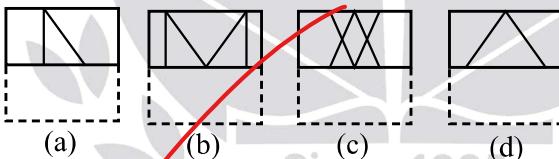
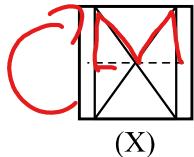
S 12

02.

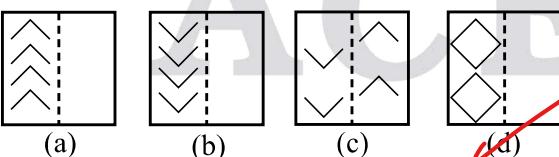
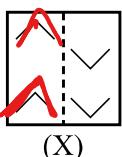


S 8

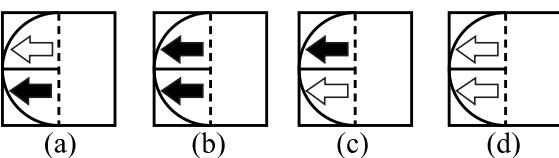
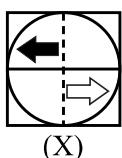
03.



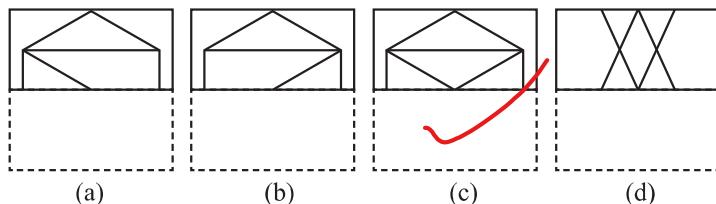
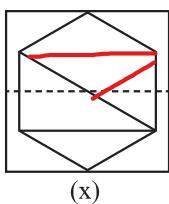
04.



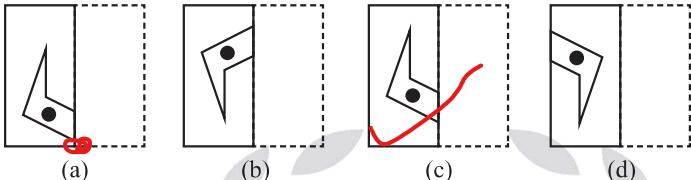
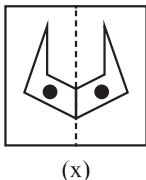
05.



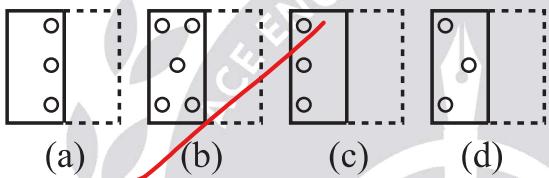
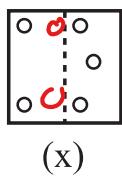
06.



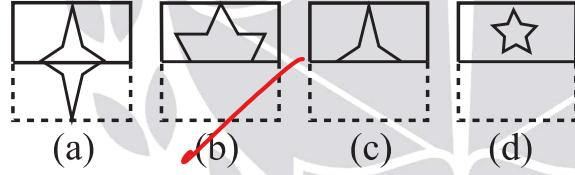
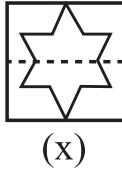
07.



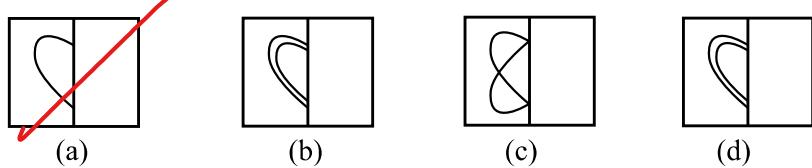
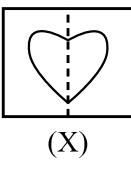
08.



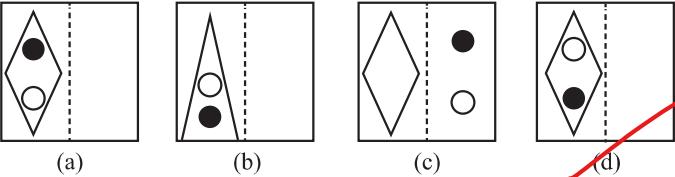
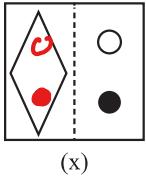
09.



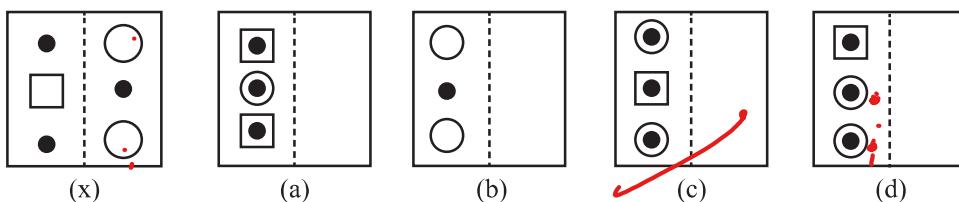
10.



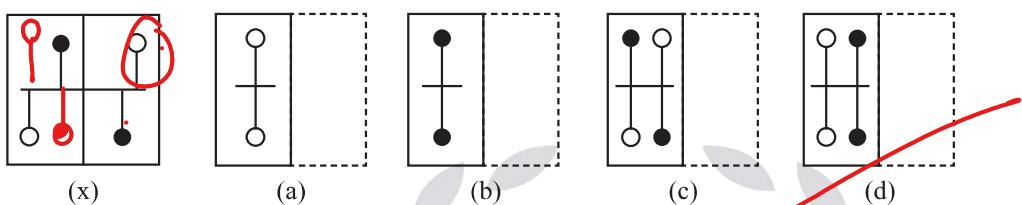
11.



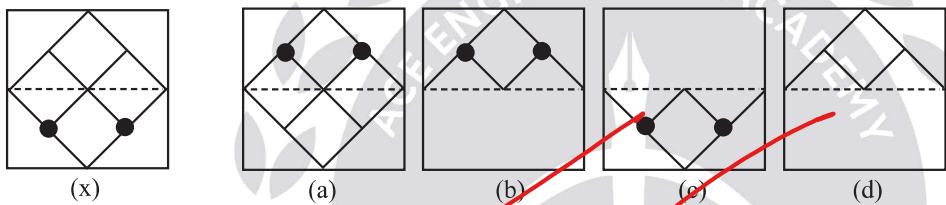
12.



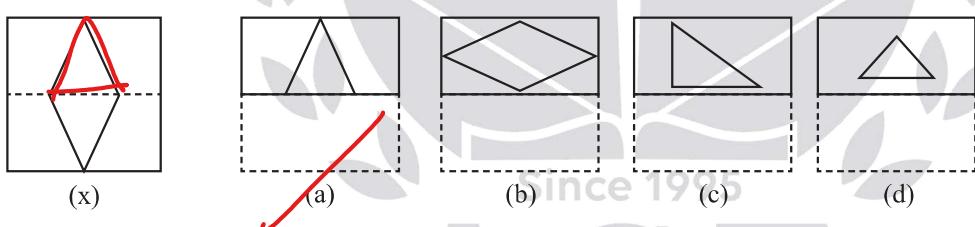
13.



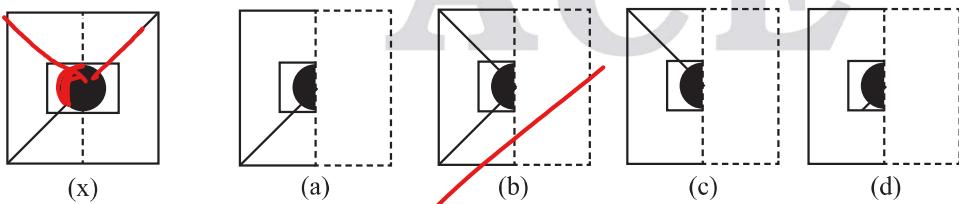
14.



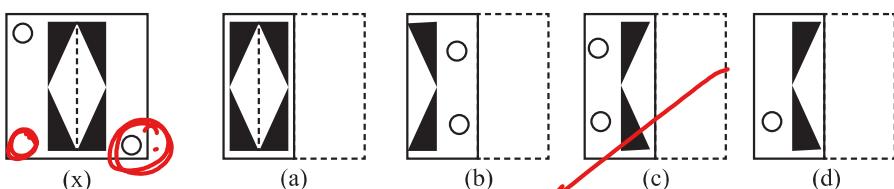
15.



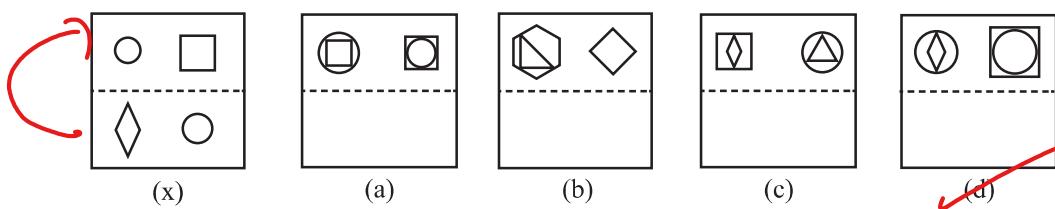
16.



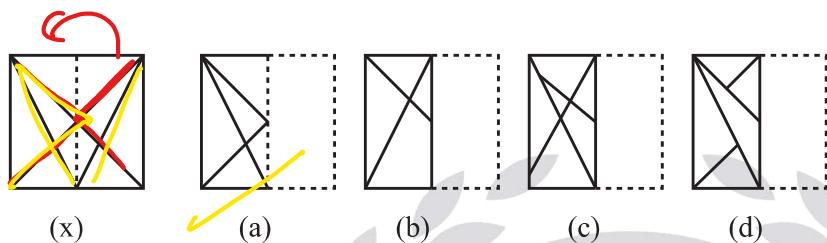
17.



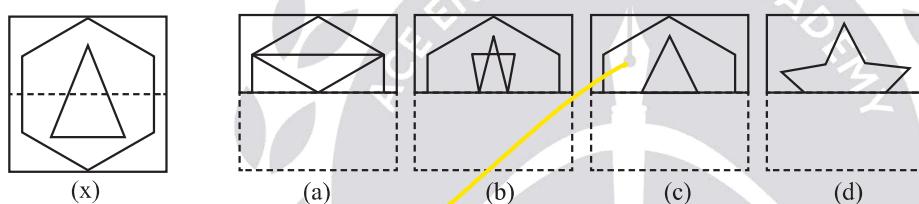
18.



19.



20.

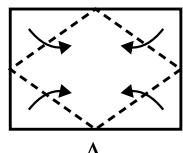


KEY for Paper Folding

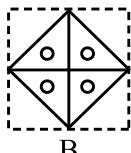
01. (a)	02. (b)	03. (b)	04. (d)	05. (c)	06. (c)	07. (c)	08. (d)	09. (b)	10. (a)
11. (d)	12. (c)	13. (d)	14. (b)	15. (a)	16. (b)	17. (c)	18. (d)	19. (a)	20. (b)

3.8. Paper Folding & Cutting

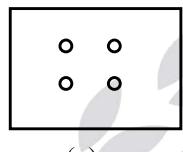
01. Choose a figure which would most closely resemble the unfolded form of Figure (B).



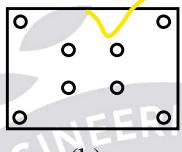
A



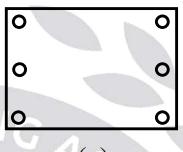
B



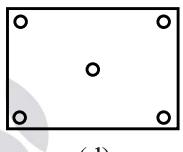
(a)



(b)

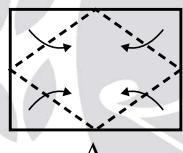


(c)

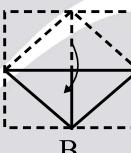


(d)

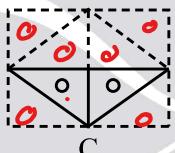
02. Choose a figure which would most closely resemble the unfolded form of Figure (C).



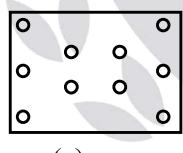
A



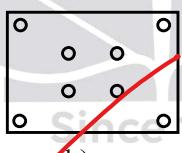
B



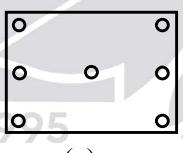
C



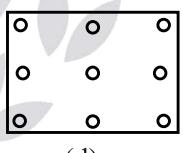
(a)



(b)

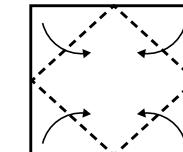


(c)

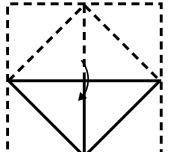


(d)

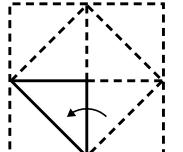
03. Choose a figure which would most closely resemble the unfolded form of Figure (D).



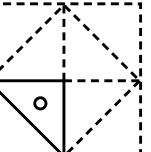
A



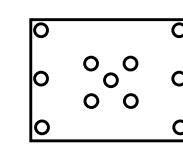
B



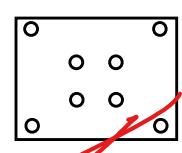
C



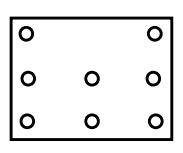
D



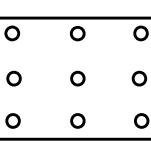
(a)



(b)

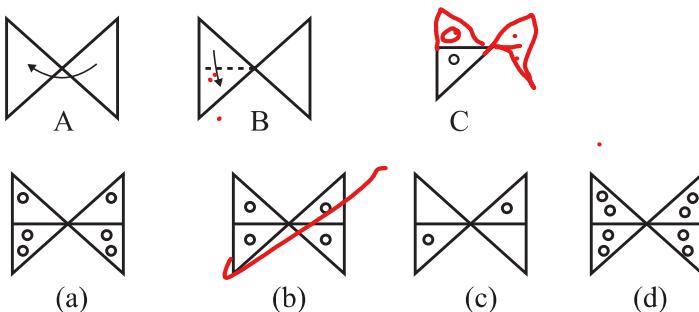


(c)

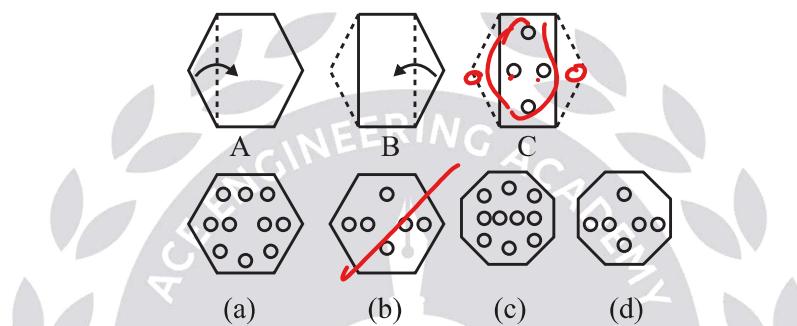


(d)

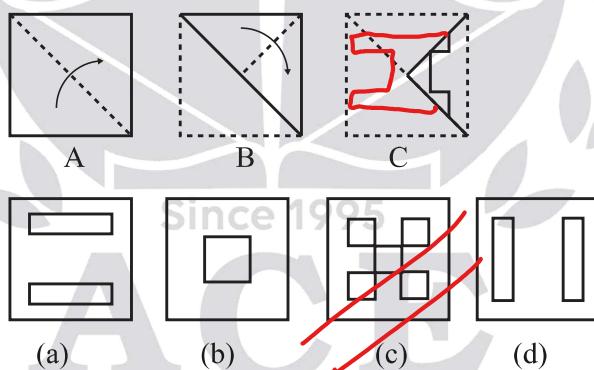
04. Choose a figure which would most closely resemble the unfolded form of Figure (C).



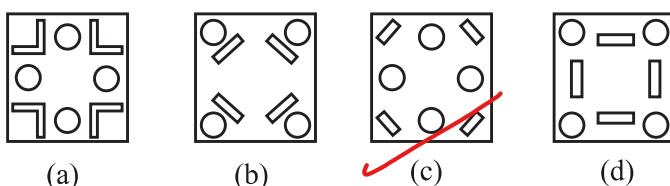
05. Choose a figure which would most closely resemble the unfolded form of Figure (C).



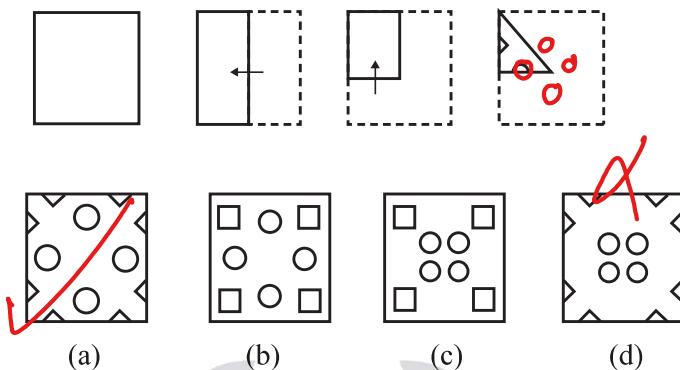
06. Choose a figure which would most closely resemble the unfolded form of Figure (C).



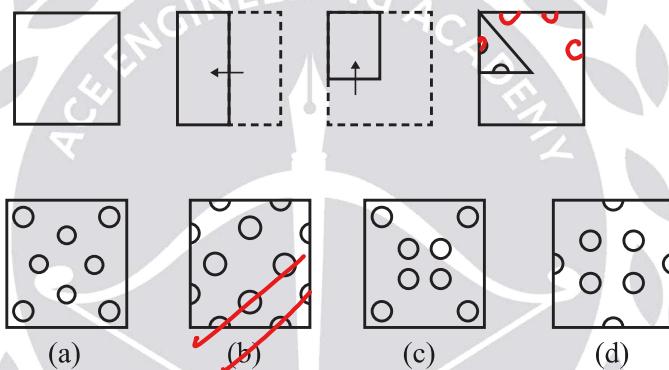
07. A piece of paper is folded and punched as shown below in the question figures, indicate how it will appear when opened.



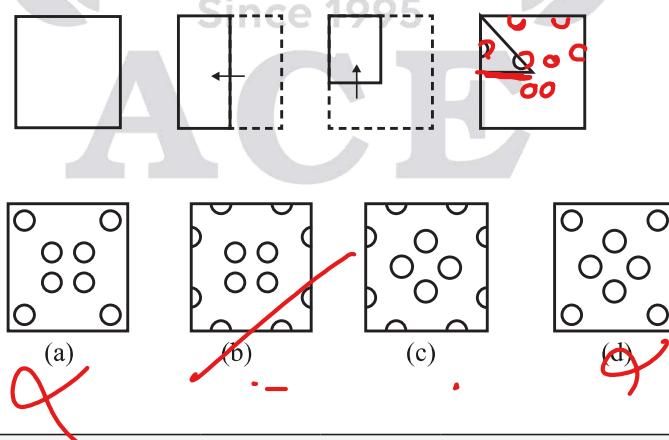
08. A piece of paper is folded and punched as shown below in the question figures, indicate how it will appear when opened.



09. A piece of paper is folded and punched as shown below in the question figures, indicate how it will appear when opened.



10. A piece of paper is folded and punched as shown below in the question figures, indicate how it will appear when opened.



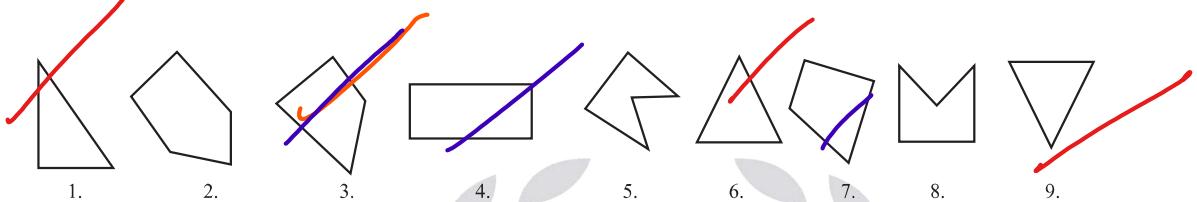
KEY for Paper Folding & Cutting

01. (b)	02. (b)	03. (b)	04. (b)	05. (b)	06. (c)	07. (c)	08. (a)	09. (b)	10. (b)
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3.9 Grouping of Figures

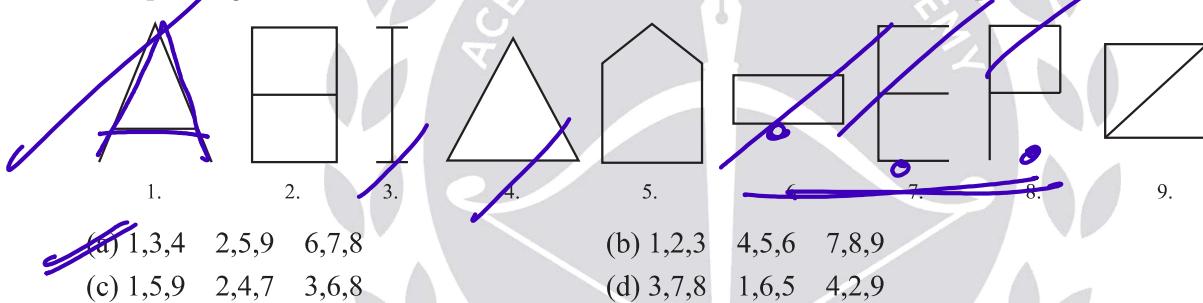
Grouping of figures can be done on the basis of their shape, orientation, the number of elements and other such characteristics. The best answer is to be selected from a given set of fairly close alternatives.

01. Group the figures into different classes on the basis of their orientation, shape etc.



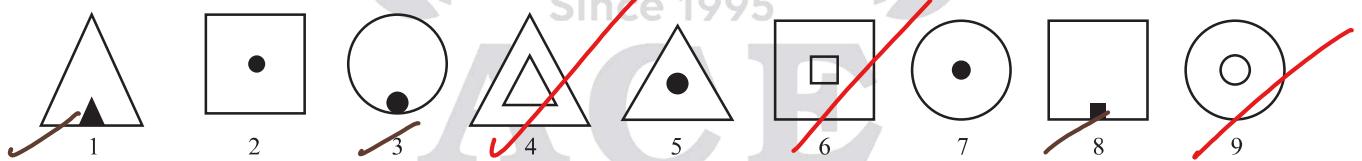
- (a) (7, 8, 9) (2, 4, 3) (1, 5, 6)
(b) (1, 3, 3) (4, 5, 7) (6, 8, 9)
(c) (1, 6, 8) (3, 4, 7) (2, 5, 9)
(d) (1, 6, 9) (3, 4, 7) (2, 5, 8)

02. Group the figures into different classes on the basis of their orientation, shape etc.



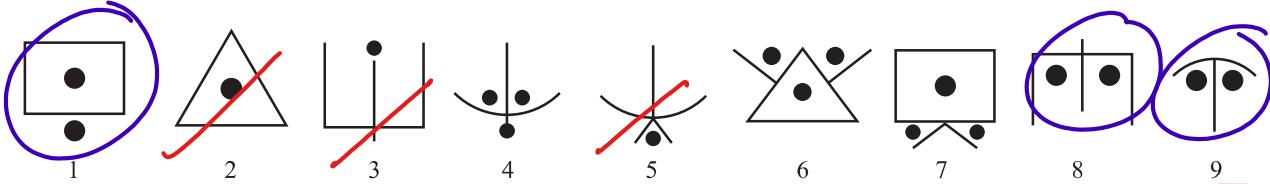
- (a) 1,3,4 2,5,9 6,7,8
(b) 1,2,3 4,5,6 7,8,9
(c) 1,5,9 2,4,7 3,6,8
(d) 3,7,8 1,6,5 4,2,9

03. Group the figures into different classes on the basis of their orientation, shape etc.



- (a) 1, 4, 5; 2, 6, 8; 3, 7, 9
(b) 1, 3, 7; 4, 6, 9; 2, 5, 8
(c) 1, 3, 7; 2, 5, 8; 4, 6, 9
(d) 1, 3, 8; 2, 5, 7; 4, 6, 9

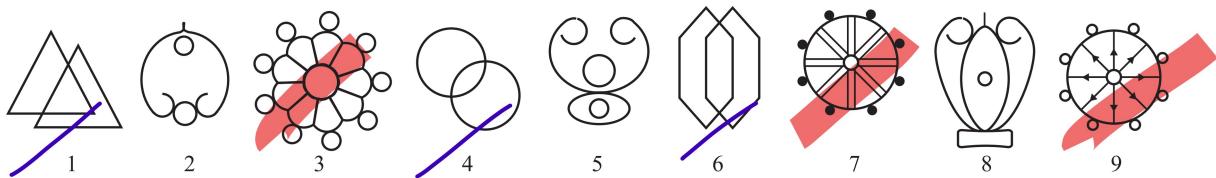
04. Group the figures into different classes on the basis of their orientation, shape etc.



- (a) 1, 7, 8; 2, 6, 5; 3, 4, 9
(b) 1, 8, 9; 2, 3, 5; 4, 6, 7
(c) 2, 3, 5; 1, 7, 8; 4, 6, 9
(d) 2, 6, 7; 1, 3, 4; 5, 8, 9

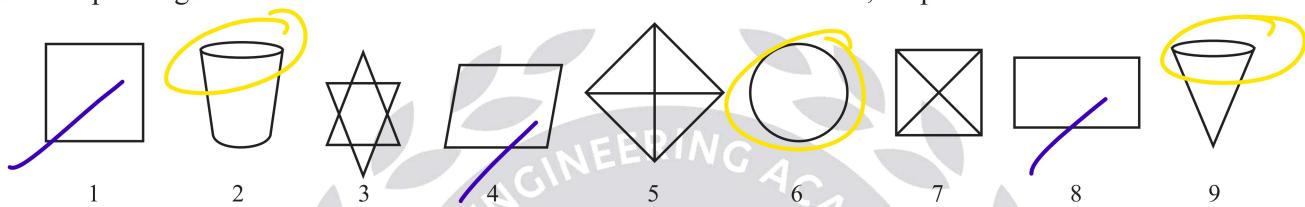
no of dots

05. Group the figures into different classes on the basis of their orientation, shape etc.



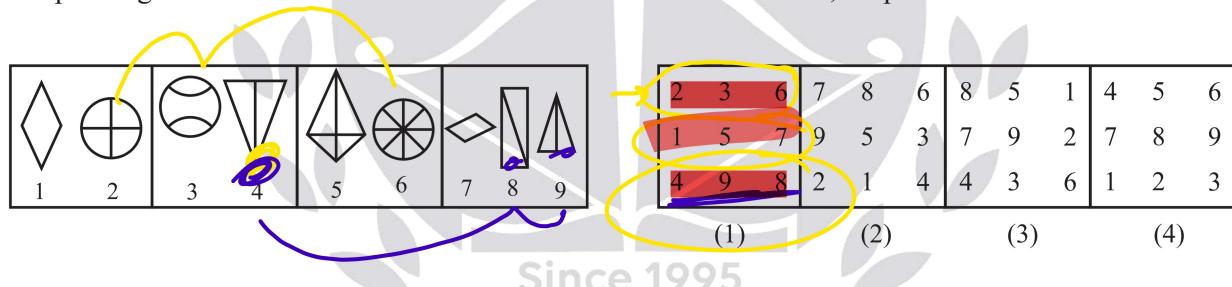
- (a) 1, 4, 8; 2, 5, 7; 3, 9, 6
(b) 1, 4, 6; 2, 5, 8; 3, 7, 9
(c) 1, 4, 6; 2, 5, 7; 3, 8, 9
(d) 1, 2, 3; 4, 5, 6; 7, 8, 9

06. Group the figures into different classes on the basis of their orientation, shape etc.

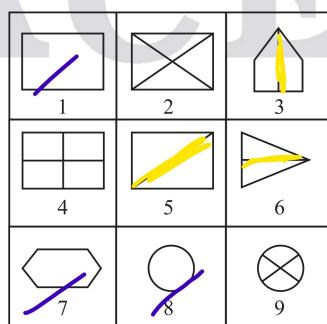


- (a) 1, 4, 7; 2, 6, 9; 3, 5, 8
(b) 1, 7, 8; 2, 5, 9; 3, 4, 6
(c) 1, 4, 8; 2, 6, 9; 3, 5, 7
(d) 1, 4, 8; 2, 6, 5; 3, 7, 9

07. Group the figures into different classes on the basis of their orientation, shape etc.

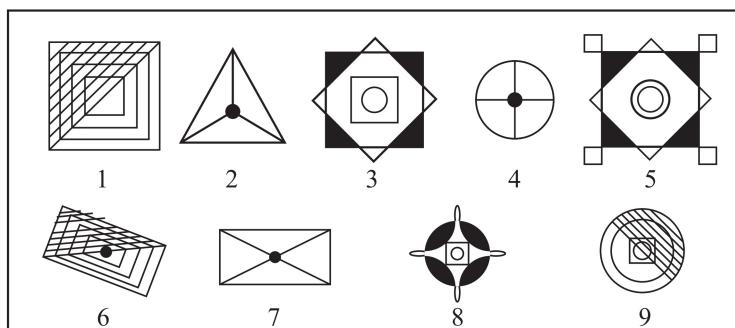


08. Group the figures into different classes on the basis of their orientation, shape etc.



- (a) (1,2,4), (3,5,6), (7,8,9)
(b) (1,7,8), (3,5,6), (2,4,9)
(c) (1,3,4), (2,8,9), (5,6,7)
(d) (1,7,8), (2,3,6), (4,5,9)

09. Group the figures into different classes on the basis of their orientation, shape etc.



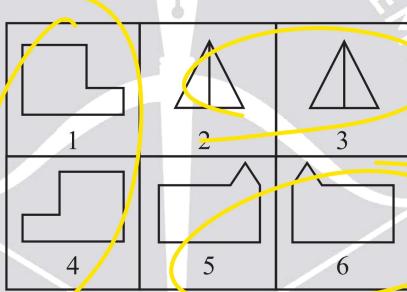
(a) 2, 4, 7; 1, 6, 9; 3, 5, 8

(c) 1, 5, 7; 2, 3, 6; 4, 8, 9

(b) 1, 3, 5; 2, 6, 7; 4, 8, 9

(d) 1, 3, 5; 2, 4, 7; 6, 8, 9

10. Group the figures into different classes on the basis of their orientation, shape etc.



(a) 1, 4; 2, 3; 5, 6

(c) 1, 6; 2, 3; 4, 5

(b) 1, 5; 2, 6; 4, 3

(d) 1, 2; 3, 6; 4, 5

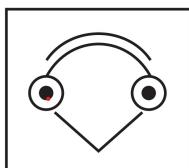
KEY for Grouping of Figures

01. (d)	02. (a)	03. (d)	04. (b)	05. (b)	06. (c)	07. (a)	08. (b)	09. (a)	10. (a)
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3.10. Figure Formation/Assembling

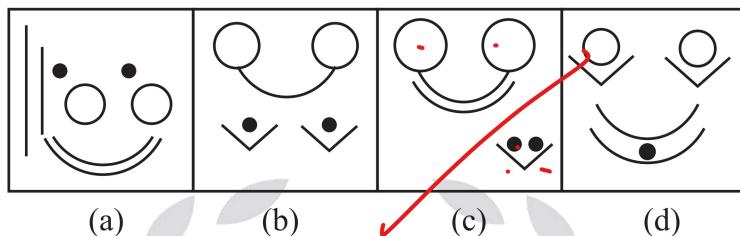
01. Find the figure given in the answer choices, that can form the question figure.

Question Figure



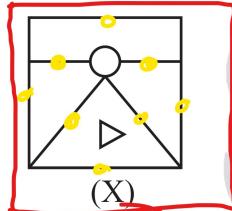
(X)

Answer Figure



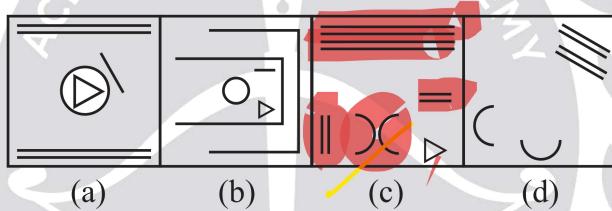
02. Find the figure given in the answer choices, that can form the question figure.

Question Figure

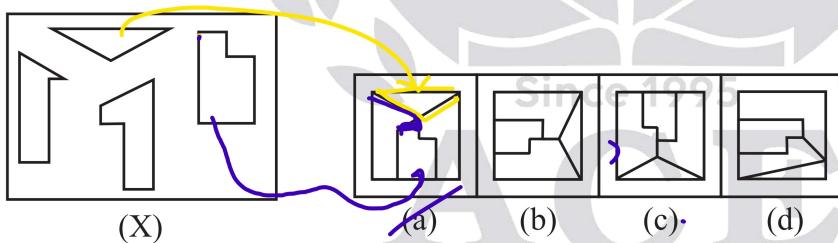


(X)

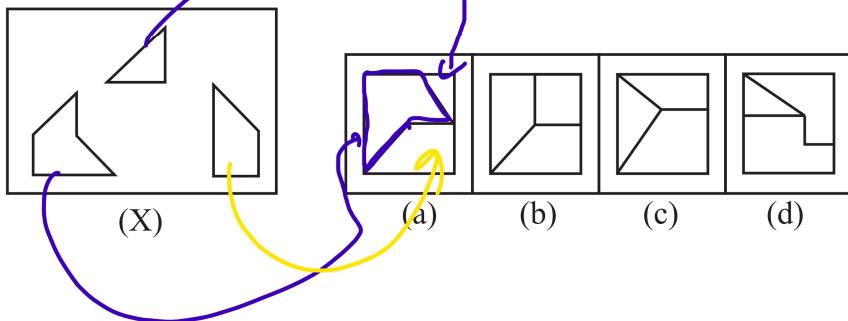
Answer Figures



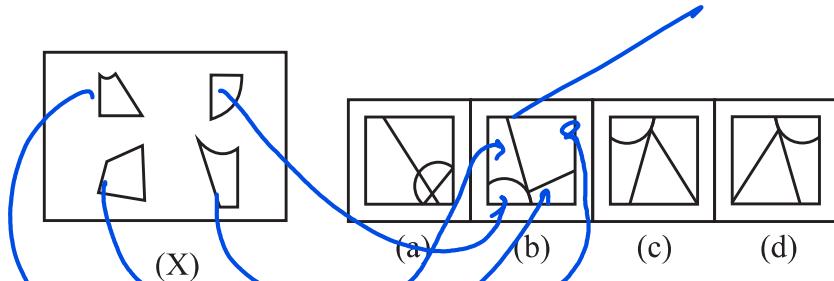
03. Find out which of the figures (1),(2),(3) and (4) can be formed from the pieces given in figure (X).



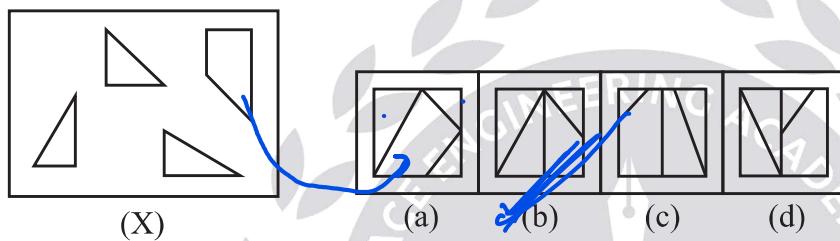
04. Find out which of the figures (1),(2),(3) and (4) can be formed from the pieces given in figure (X).



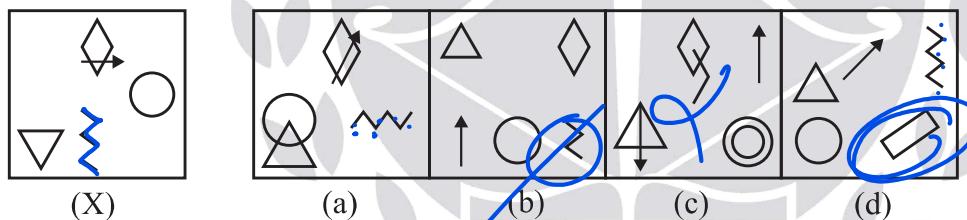
05. Find out which of the figures (1),(2),(3) and (4) can be formed from the pieces given in figure (X).



06. Find out which of the figures (1),(2),(3) and (4) can be formed from the pieces given in figure (X).



07. Find the figure given in the answer choices, that can form the question figure.



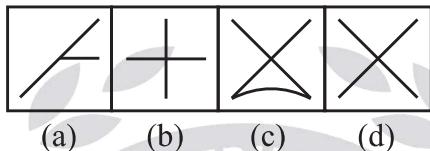
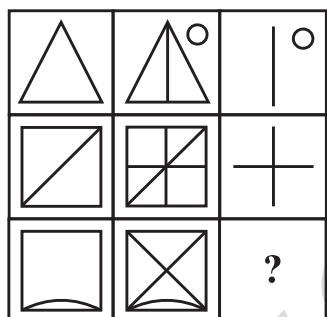
KEY for Figure Formation / Assembling

01. (c)	02. (c)	03. (c)	04. (a)	05. (b)	06. (b)	07. (a)
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3.11. Figure Matrix

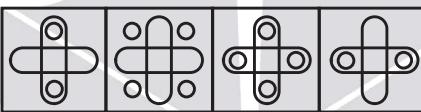
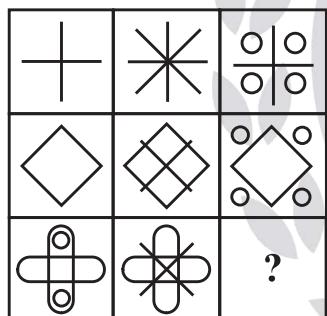
Select a suitable figure from the four alternatives that would complete the figure matrix.

01.



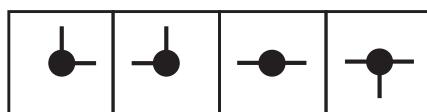
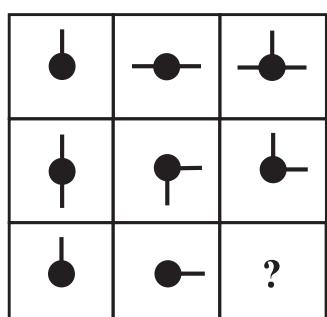
(a) (b) (c) (d)

02.



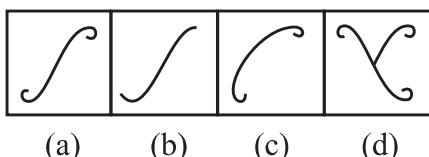
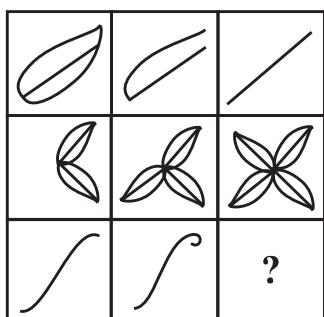
(a) (b) (c) (d)

03.



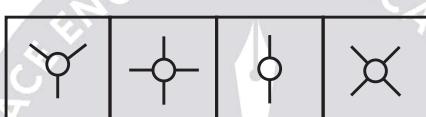
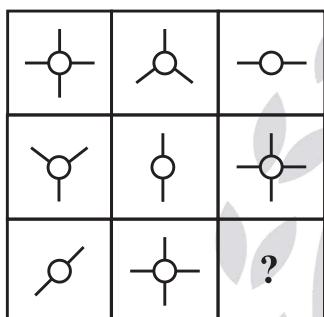
(a) (b) (c) (d)

04.



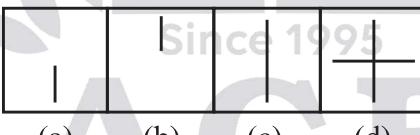
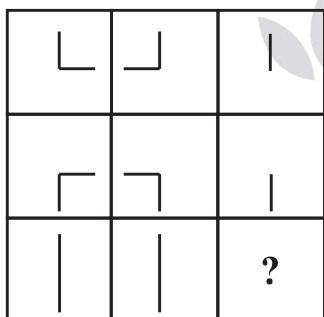
- (a) (b) (c) (d)

05.



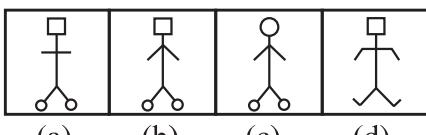
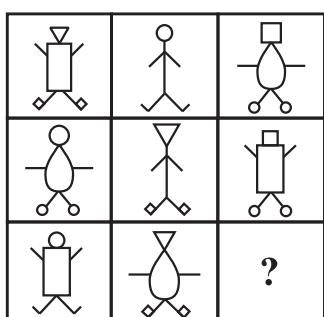
- (a) (b) (c) (d)

06.



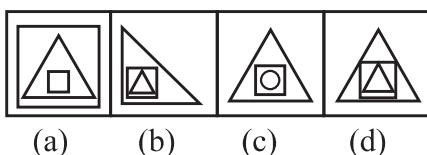
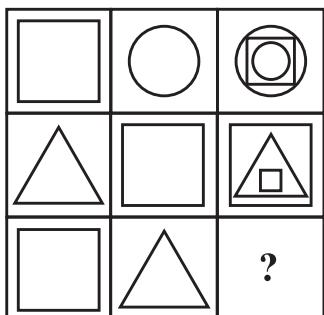
- (a) (b) (c) (d)

07.



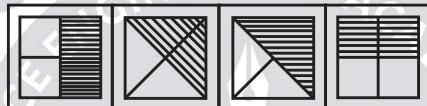
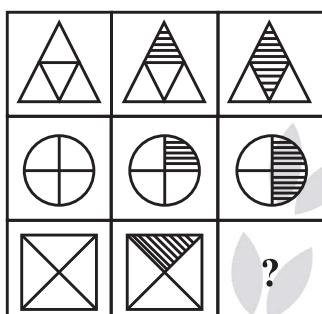
- (a) (b) (c) (d)

08.



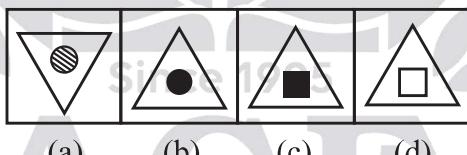
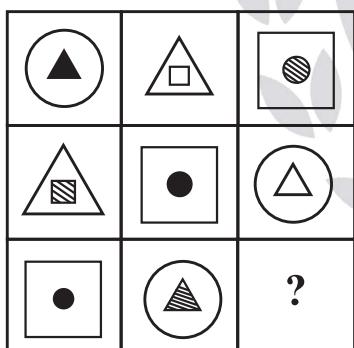
- (a) (b) (c) (d)

09.



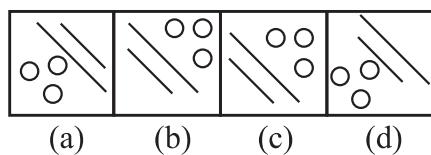
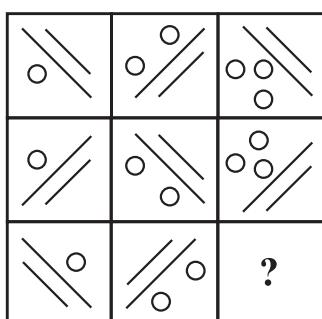
- (a) (b) (c) (d)

10.



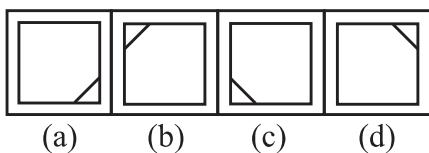
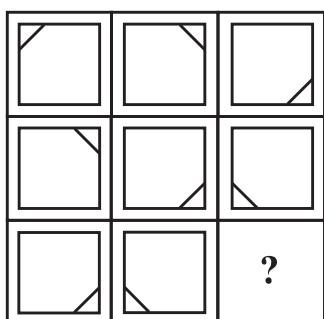
- (a) (b) (c) (d)

11.

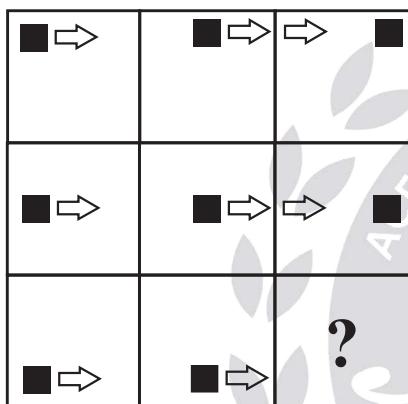


- (a) (b) (c) (d)

12.



13.



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

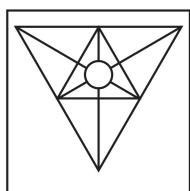
KEY for Figure Matrix

01. (d)	02. (b)	03. (a)	04. (a)	05. (a)	06. (c)	07. (b)
08. (d)	09. (b)	10. (d)	11. (b)	12. (b)	13. (b)	

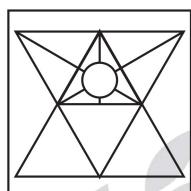
3.12. Rotation

Find out how will the key figure look like after rotation?

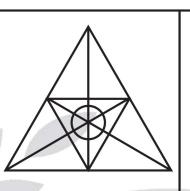
01.



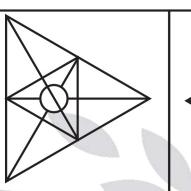
(X)



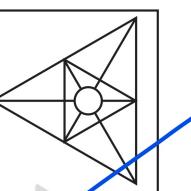
(a)



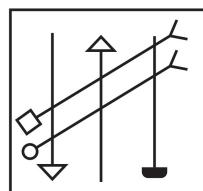
(b)



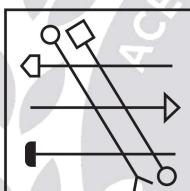
(c)



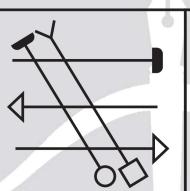
02.



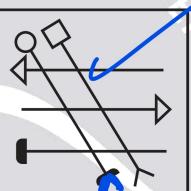
(X)



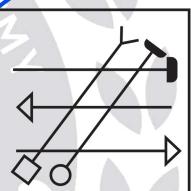
(a)



(b)

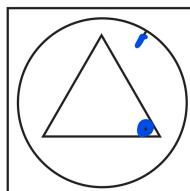


(c)

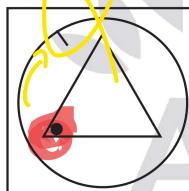


(d)

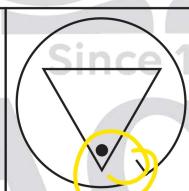
03.



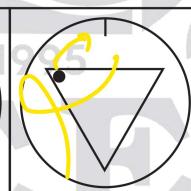
(X)



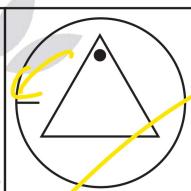
(a)



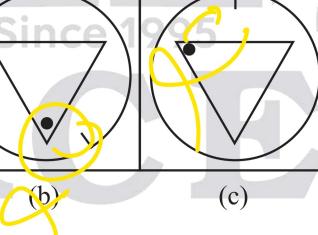
(b)



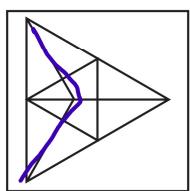
(c)



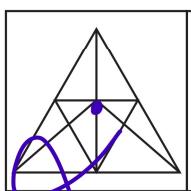
(d)



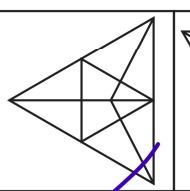
04.



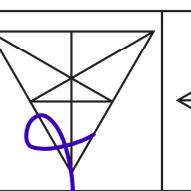
(X)



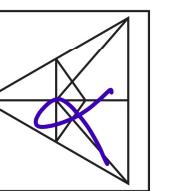
(a)



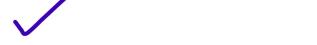
(b)



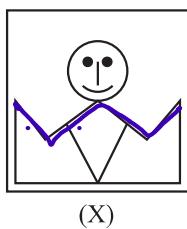
(c)



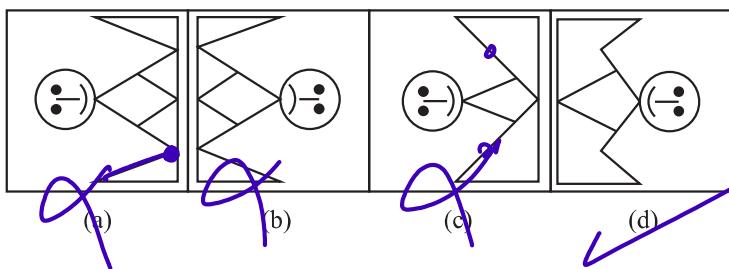
(d)



05.



(X)



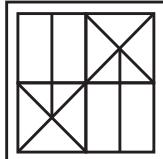
(a)

(b)

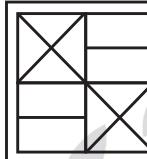
(c)

(d)

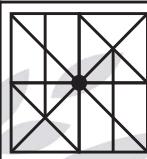
06.



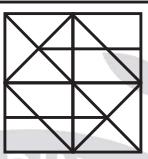
(X)



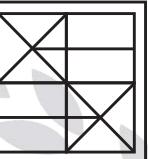
(a)



(b)



(c)

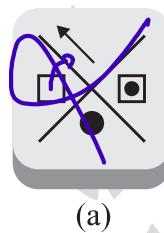


(d)

07.



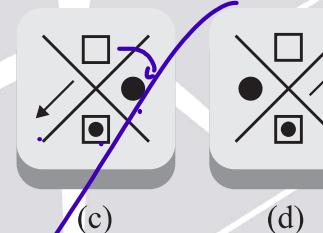
(X)



(a)



(b)



(c)



None of these

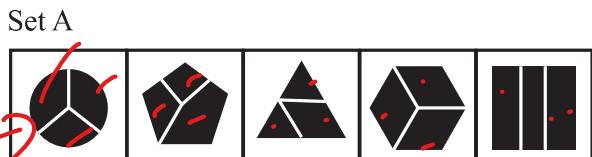
(e)

KEY for Rotation

01. (d)	02. (c)	03. (d)	04. (b)	05. (d)	06. (d)	07. (c)
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3.13 Diagrammatic Logical Thinking

01. Which set does the figure belongs to?



(a) Set A

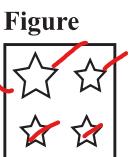
(b) Set B

(c) Neither Set A nor Set B

02. Which set does the figure belongs to?



no of stars = Even



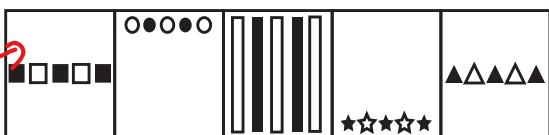
(a) Set A

(b) Set B

(c) Neither Set A nor Set B

03. Which set does the figure belongs to?

Set A



alternative pattern.

Set B



Figure



- (a) Set A
- (b) Set B
- (c) Neither Set A nor Set B

04. Which set does the figure belongs to?

Set A

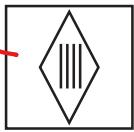


no of sides = no of lines

Set B

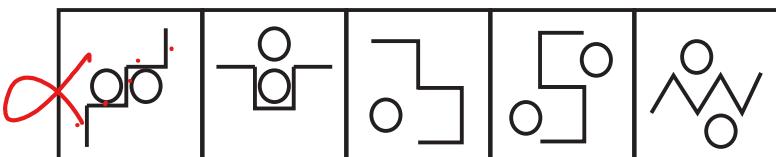
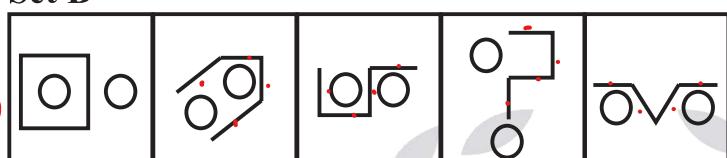
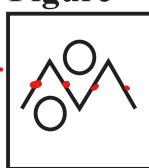


Figure



- (a) Set A
- (b) Set B
- (c) Neither Set A nor Set B

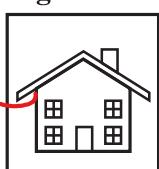
05. Which set does the figure belongs to?

Set A**Set B****Figure**

no of lines - 2
circles - 2

- (a) Set A
- (b) Set B
- (c) Neither Set A nor Set B

06. Which set does the figure belongs to?

Set A**Set B****Figure**

no of windows

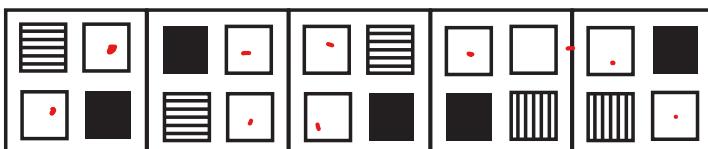
- (a) Set A

- (b) Set B

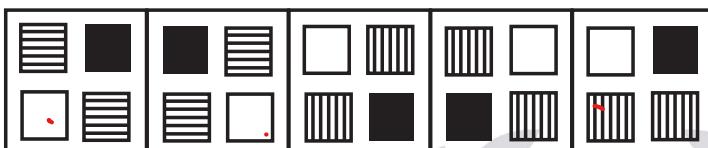
- (c) Neither Set A nor Set B

07. Which set does the figure belongs to?

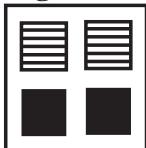
Set A



Set B



Figure



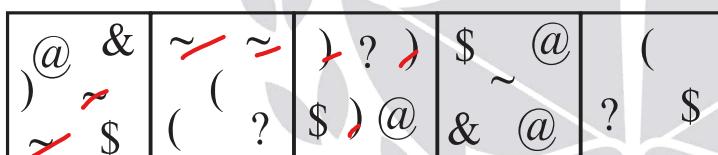
(a) Set A

(b) Set B

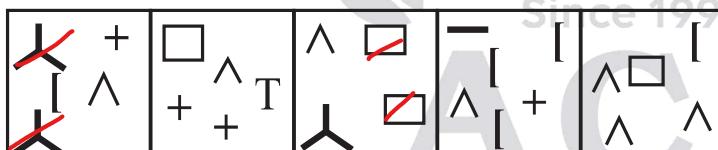
(c) Neither Set A nor Set B

08. Which set does the figure belongs to?

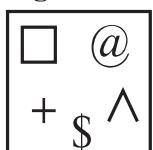
Set A



Set B



Figure



There is no common symbols.

neither
nor

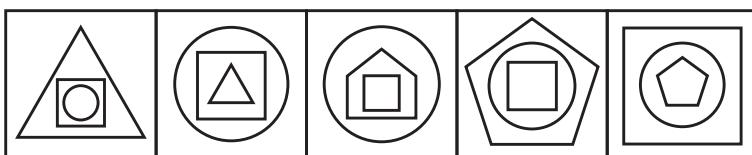
(a) Set A

(b) Set B

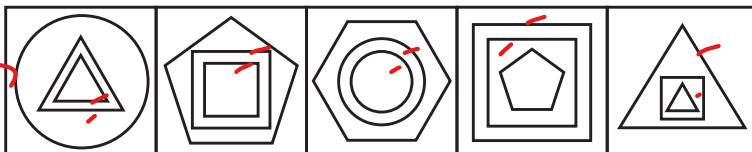
(c) Neither Set A nor Set B

09. Which set does the figure belongs to?

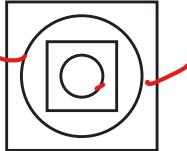
Set A



Set B



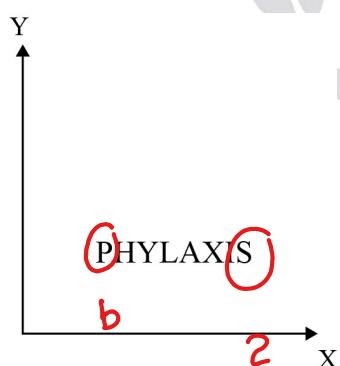
Figure



Two common figures

- (a) Set A
- (b) Set B
- (c) Neither Set A nor Set B

10.

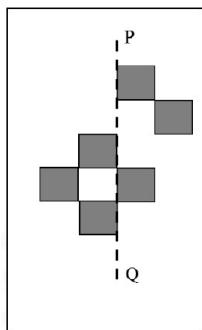


The mirror image of the above text about the X-axis is

(GATE-21-CE SET2)

- (a) ՚HΛΓVXIS
- (b) PHΛΓVXIS
- (c) SIXAΓVHP
- (d) ՚BΗΑΓVXIS

11.



The least number of squares that must be added so that the line P-Q becomes the line of symmetry is _____

(GATE-21-EC/PI)

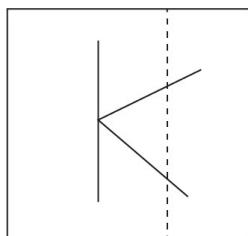
(a) 7

(b) 4

(c) 6

(d) 3

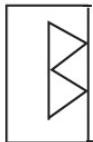
12.



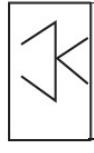
A transparent square sheet shown above is folded along the dotted line. The folded sheet will look like _____.

(GATE-21-EE)

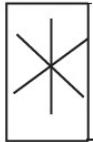
(a)



(c)



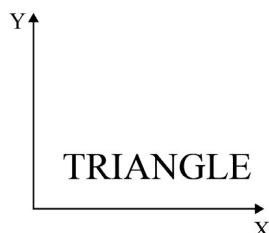
(b)



(d)



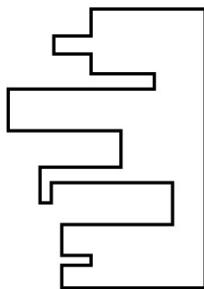
13.



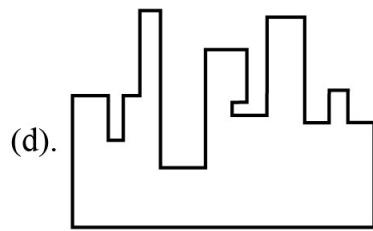
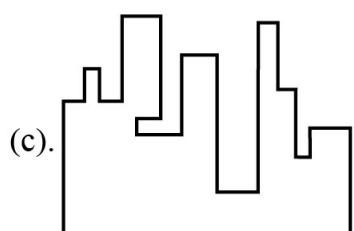
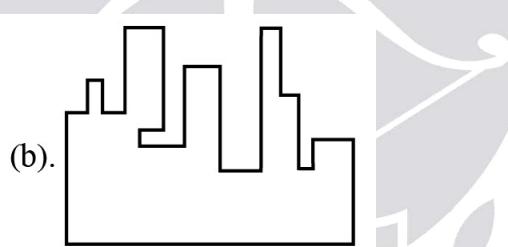
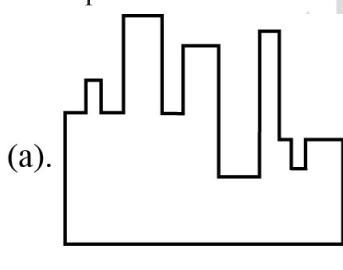
The mirror image of the above text about the X-axis is

- (a) LTGNALGE
 (b) LGNALT
 (c) LTGNALGE
 (d) LTGNALT

14.



A jigsaw puzzle has 2 pieces. One of the pieces is shown above. Which one of the given option for the missing piece when assembled will form a rectangle? The piece can be moved, rotated or flipped to assemble with the above piece.



KEY for Diagrammatic Logical Thinking

01. (a)	02. (b)	03. (a)	04. (a)	05. (b)	06. (b)	07. (c)	08. (c)	09. (b)	10. (d)
11. (c)	12. (a)	13. (a)	14. (c)						

