



Exam Tutor

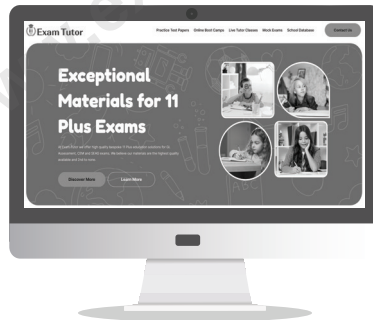
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CEM 11+

NON-VERBAL REASONING PAPER 2

2026 EDITION

Time 60 Minutes



Visit **www.examtutor.co.uk** for Tutor video explanations for every question in this practice paper.

Name: _____

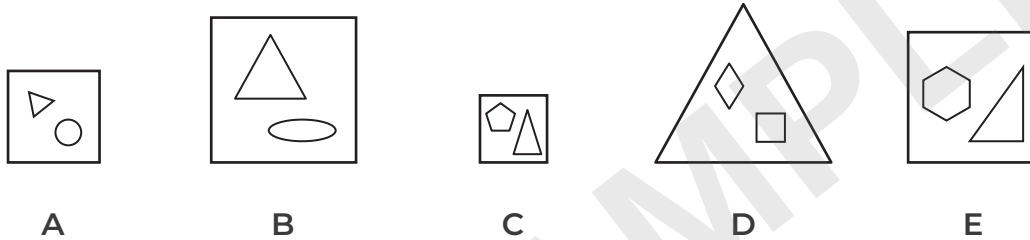
Score= _____ /50 Percentage = _____

Section 1

Odd One Out:

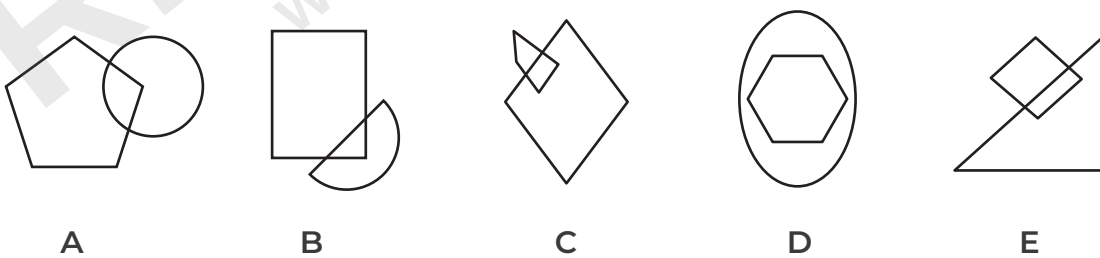
To answer the questions, decide which of the five options is the least like the others and the **odd one out**. Mark its letter on your answer sheet.

Now look at the example below.



In the example above the answer is option D. It is the only option where a triangle is the outer shape, the rest have a square as the outside shape.

Now look at the second example below.



In the example above the answer is option D. It is the only option where one shape is inside the other without overlapping.

1



A



B



C

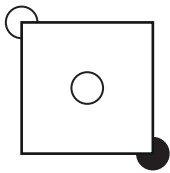


D

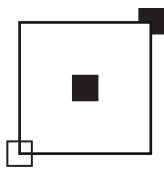


E

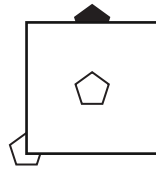
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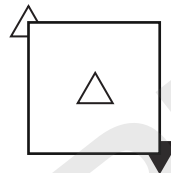
A



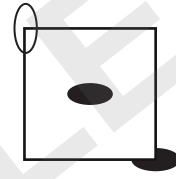
B



C

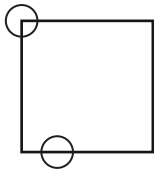


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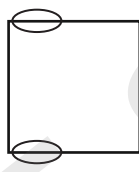


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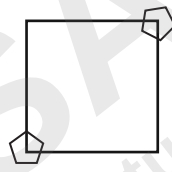
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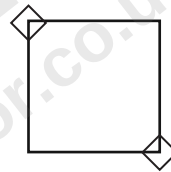
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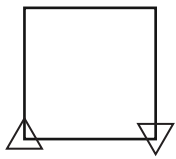
B



C



D



E

4



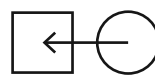
A



B



C

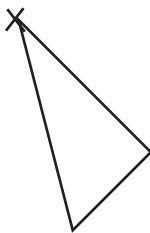


D



E

5



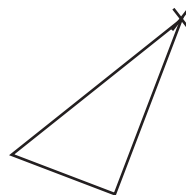
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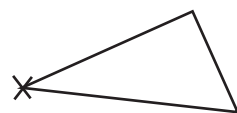
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C

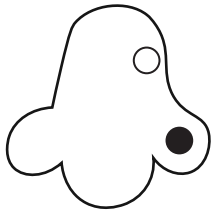


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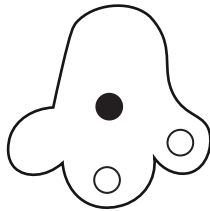


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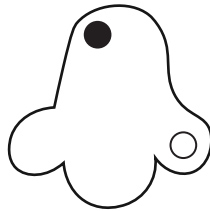
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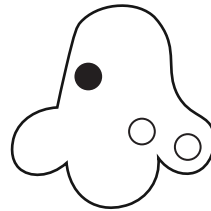
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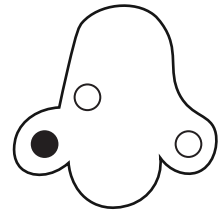
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C

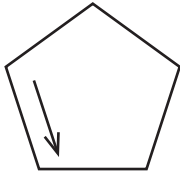


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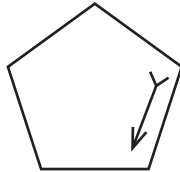


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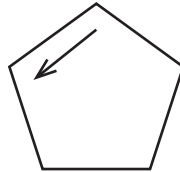
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A



B



C

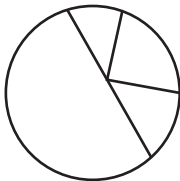


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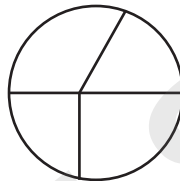


E

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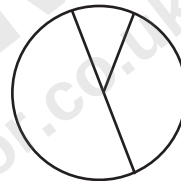
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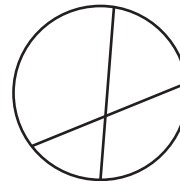
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C



D

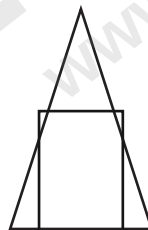


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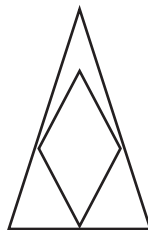
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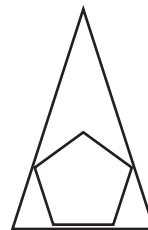
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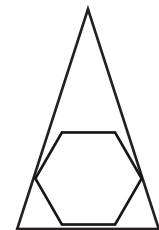
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C

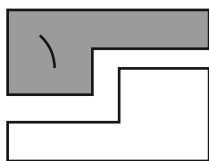


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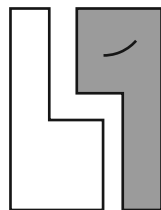


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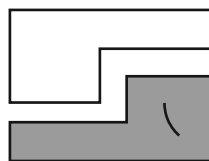
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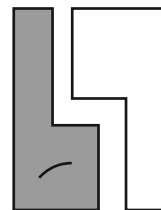
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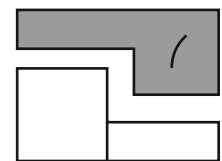
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C

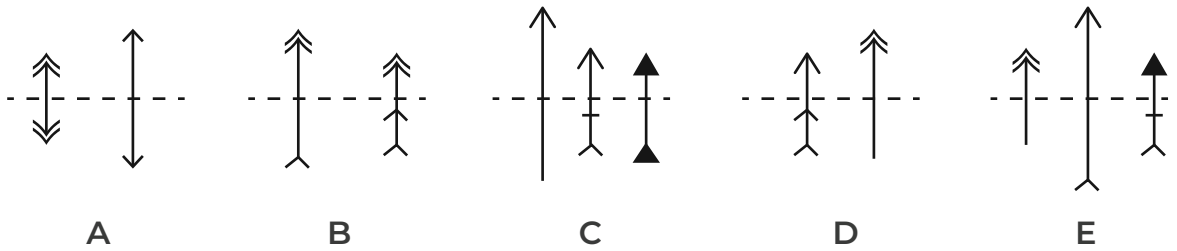


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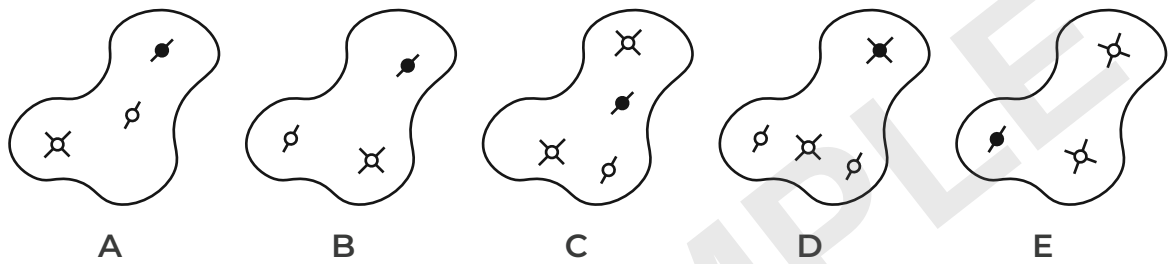


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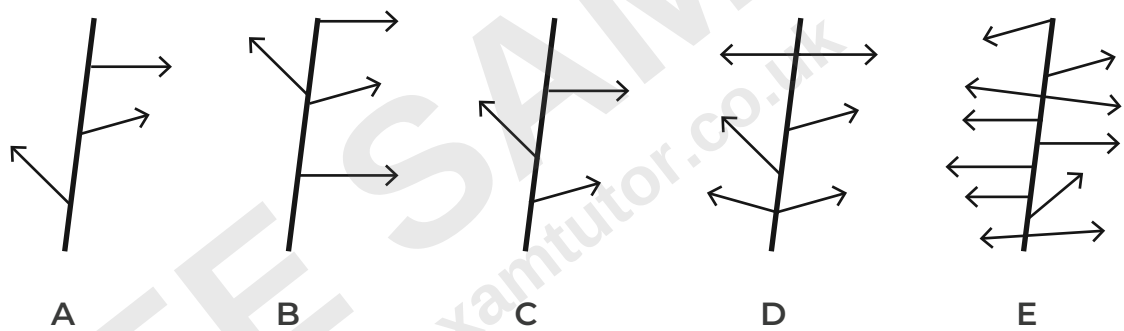
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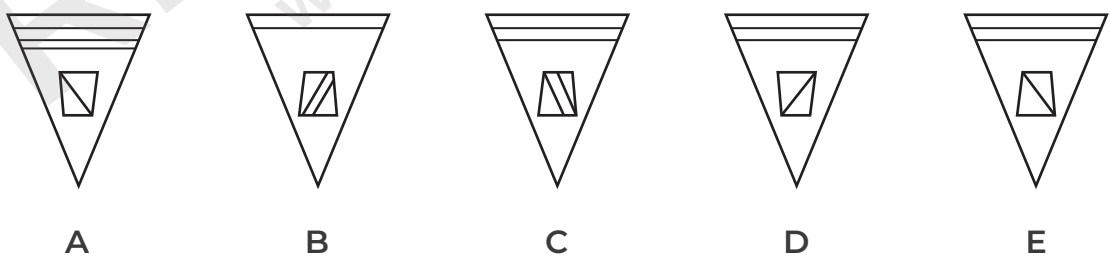
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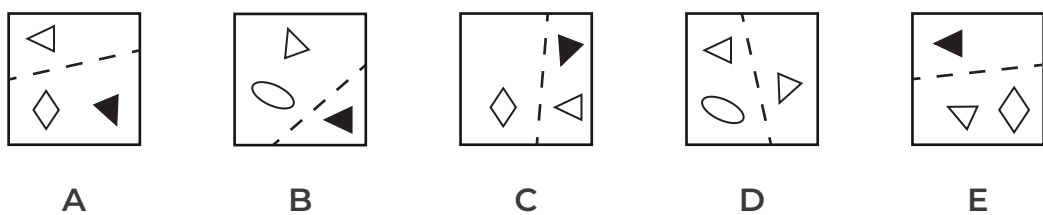
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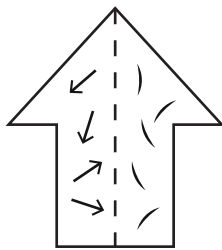
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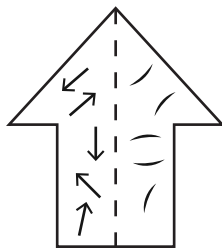
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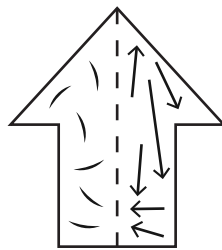
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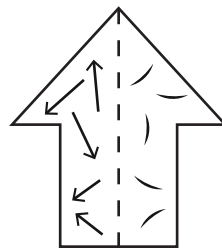
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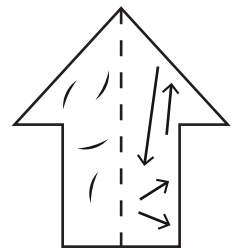
B



C

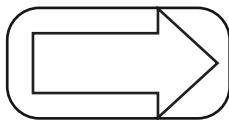


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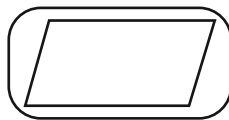


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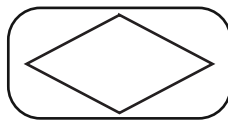
17



A



B



C

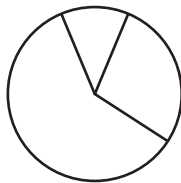


D



E

18



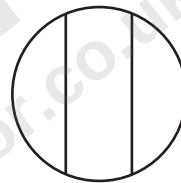
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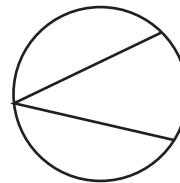
B



C



D



E

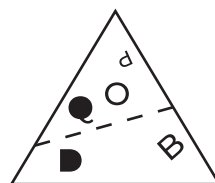
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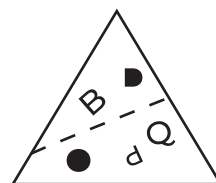
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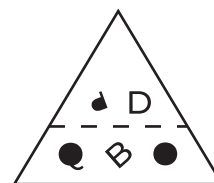
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C

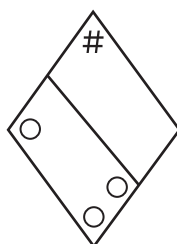


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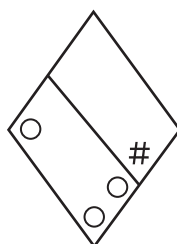


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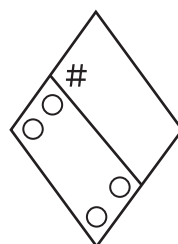
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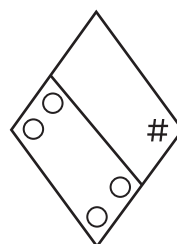
A



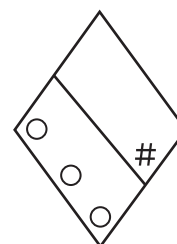
B



C



D

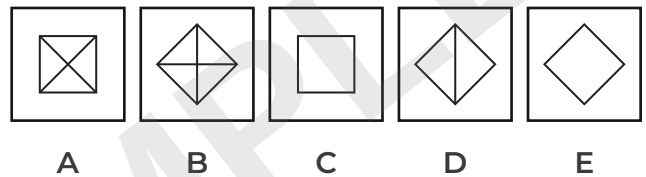
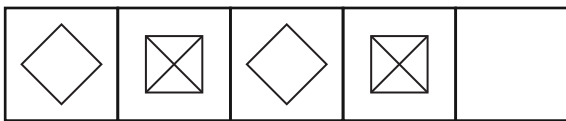


E

Section 2

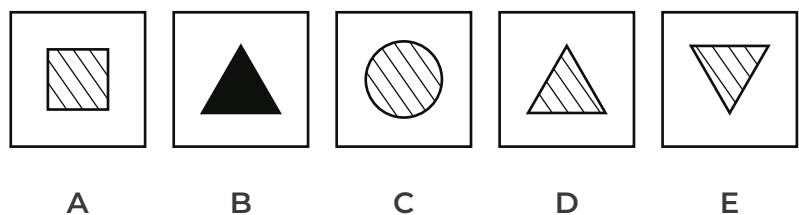
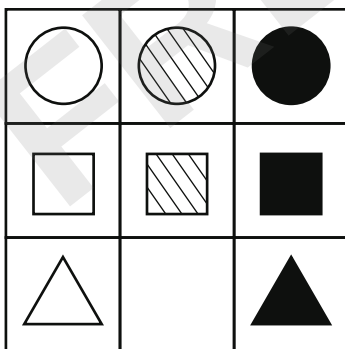
Finish The Pattern:

On the left side of the example below there are five squares arranged in the correct order. One of these squares has been left empty. To answer the question, select which of the five squares on the right **finishes the pattern** by taking the place of the empty square. Mark its letter on your answer sheet.



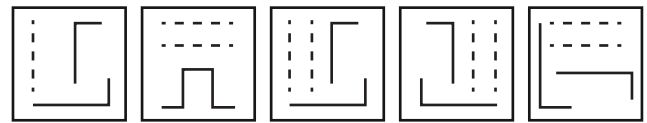
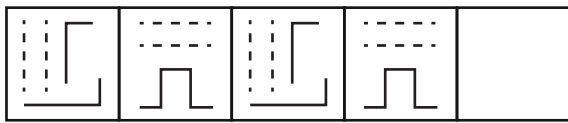
In the example above the answer is option E, the pictures alternate so that the first, third and fifth square are all matching, white with no lines and rotated 90 degrees. As the empty square is the fifth one, we know it must also match the first and third square.

Now look at the example below. This series is made up of nine squares arranged in the correct order, as you can see on the left side. One of these squares has been left empty. One of the five squares on the right should finish the pattern by taking the place of the empty square.



In the example above the answer is option D. Each column of the series has a circle, square and triangle, which all have the same design. The rows all contain the same shape but with a different pattern. The second column design is stripes and the third row is made up of triangles, option D fits this criteria and contains a striped triangle pointing the same direction as the rest in the series, so it must be the correct answer.

21



A

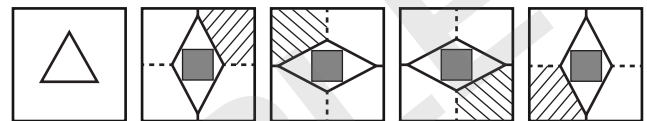
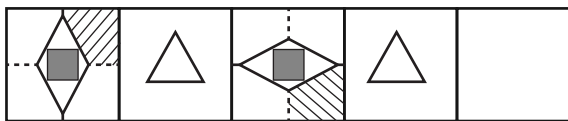
B

C

D

E

22



A

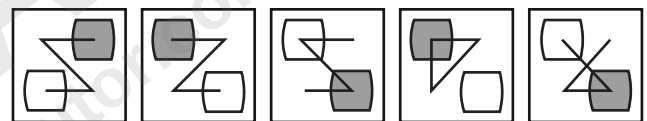
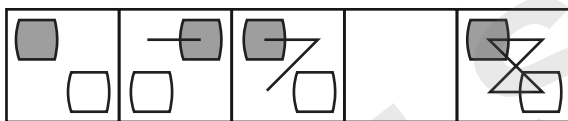
B

C

D

E

23



A

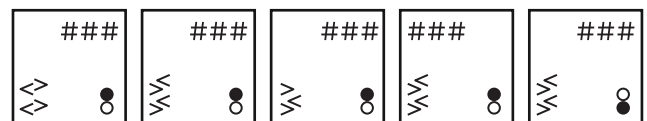
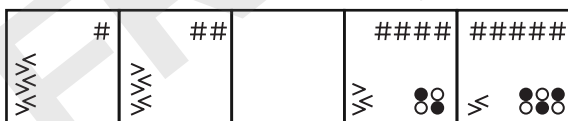
B

C

D

E

24



A

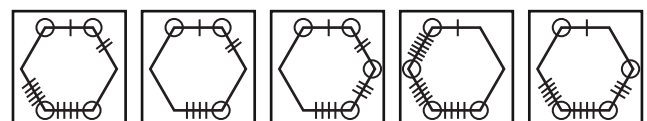
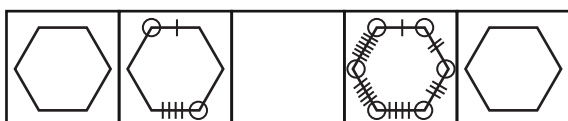
B

C

D

E

25



A

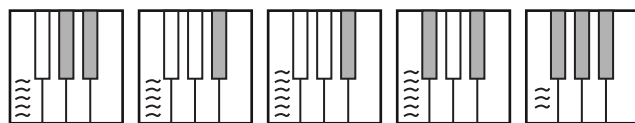
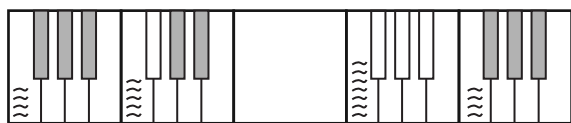
B

C

D

E

26



A

B

C

D

E

27



A

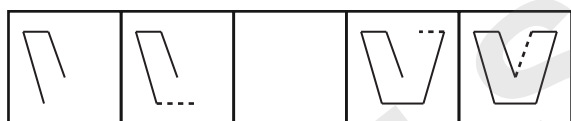
B

C

D

E

28



A

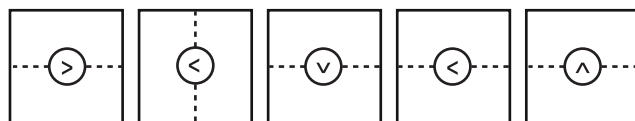
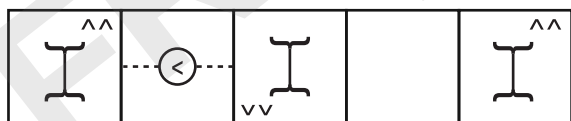
B

C

D

E

29



A

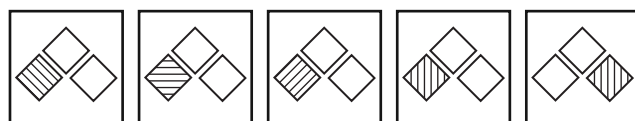
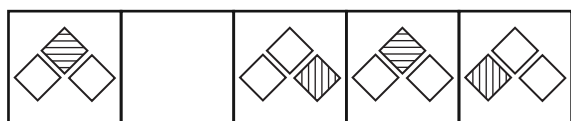
B

C

D

E

30



A

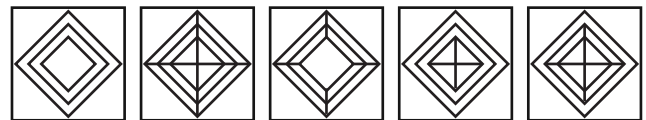
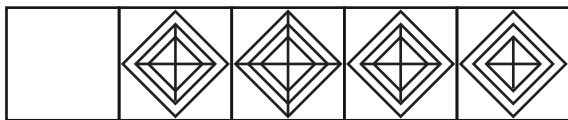
B

C

D

E

31



A

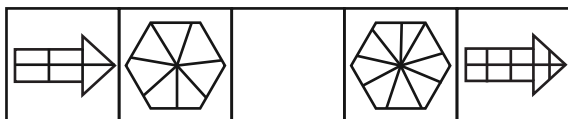
B

C

D

E

32



A

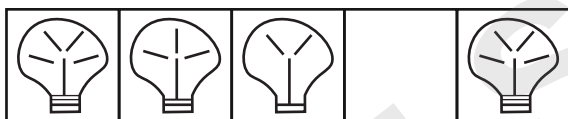
B

C

D

E

33



A

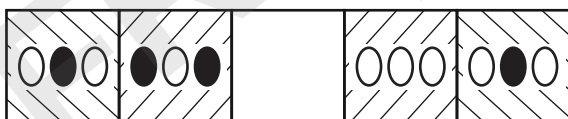
B

C

D

E

34



A

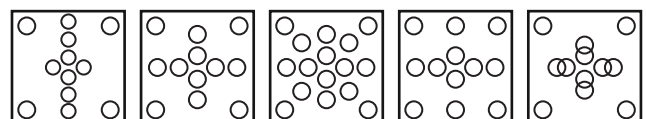
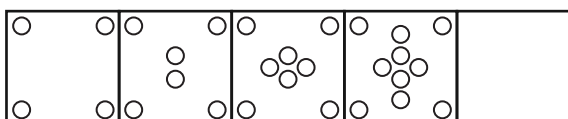
B

C

D

E

35



A

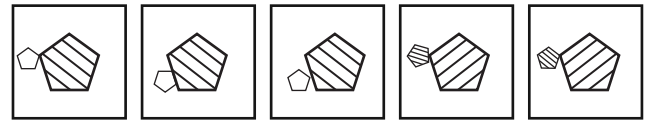
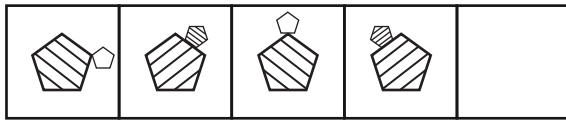
B

C

D

E

36



A

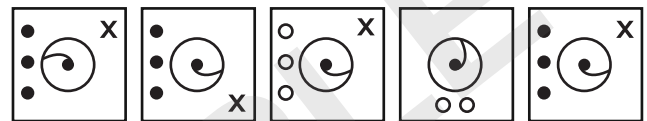
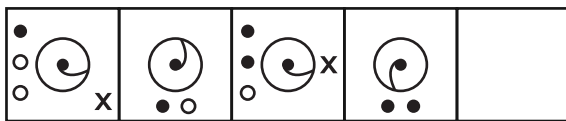
B

C

D

E

37



A

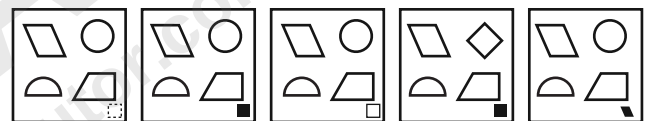
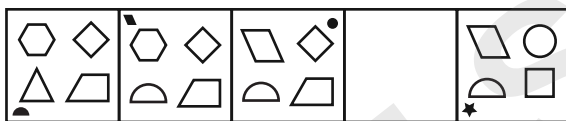
B

C

D

E

38



A

B

C

D

E

39



A

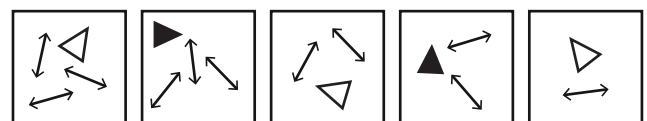
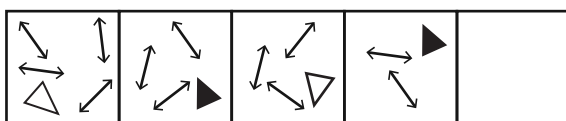
B

C

D

E

40



A

B

C

D

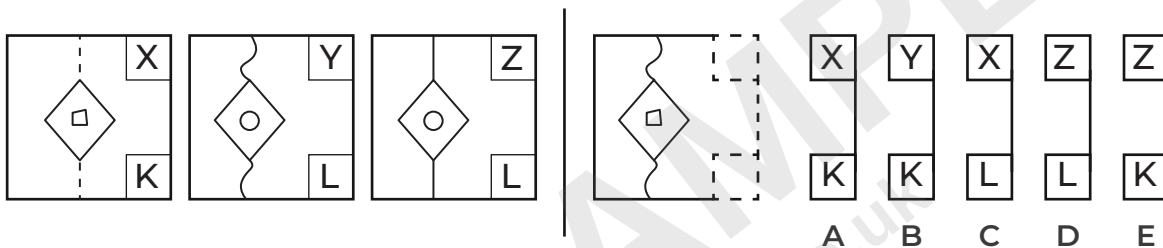
E

Section 3

Horizontal Codes:

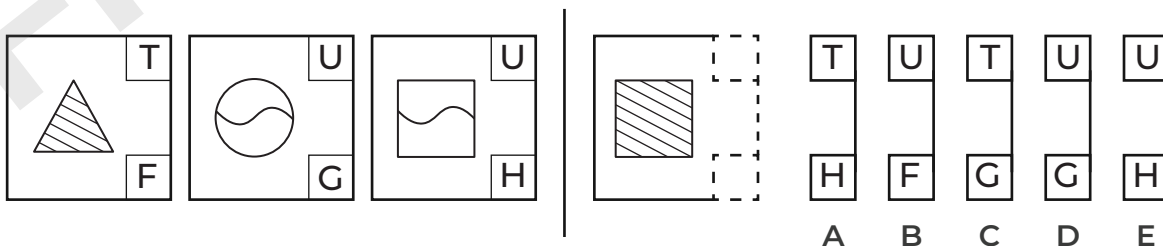
To answer these questions you must **work out a code**. In the boxes on the left are shapes and the code letters that go with them. The top letters mean something different to the bottom letters. Decide how the letters link to the shapes. Then find the correct code for the test shape from the set of five codes on the right and mark its letter on your answer sheet.

Now look at the example below.



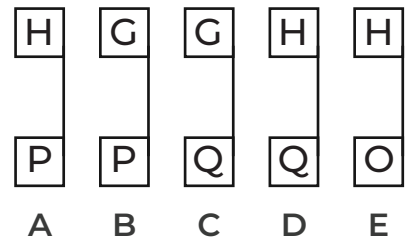
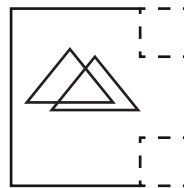
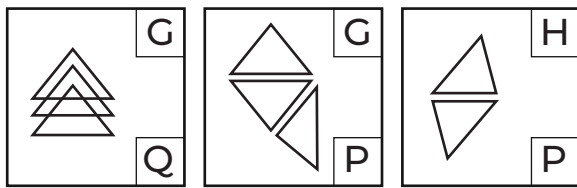
In the example above the answer is option B. The top letters are all different and link to the design of the vertical line running from the top and bottom vertex of the diamond. The bottom letters link the small inner shape type inside of the centre of the diamond. The letter 'Y' marks the squiggly line and 'K' marks the small trapezium shape in the centre. Thus, the code for the shape must be 'YK'.

Now look at the second example below.

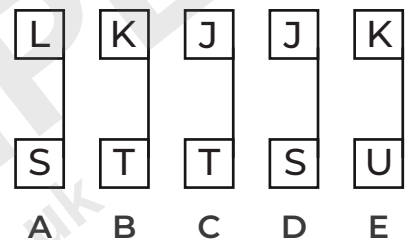
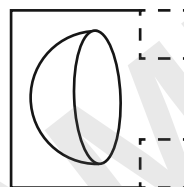
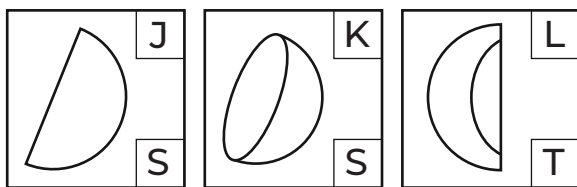


In the example above the answer is option A. The top letters link to the design inside the shape and the bottom letters link to the shape type. The letter 'T' marks the striped design and 'H' marks the square. Thus, the code for the shape must be 'TH'.

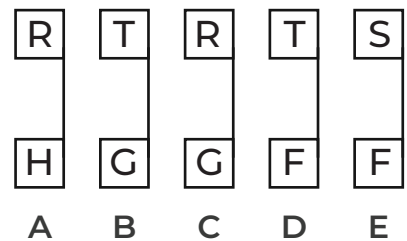
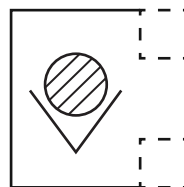
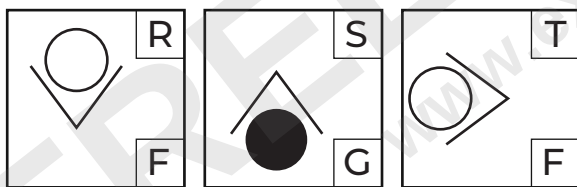
41



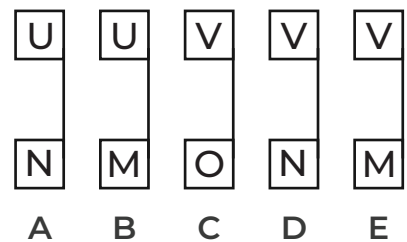
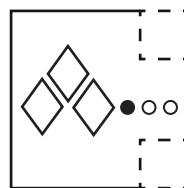
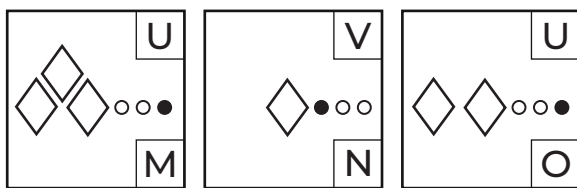
42



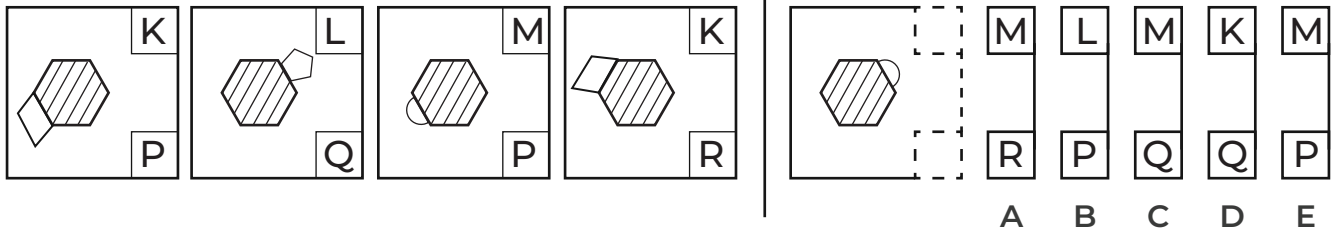
43



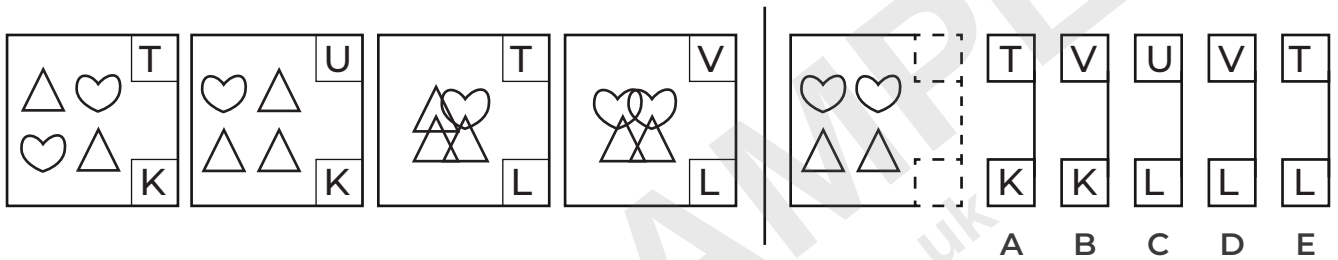
44



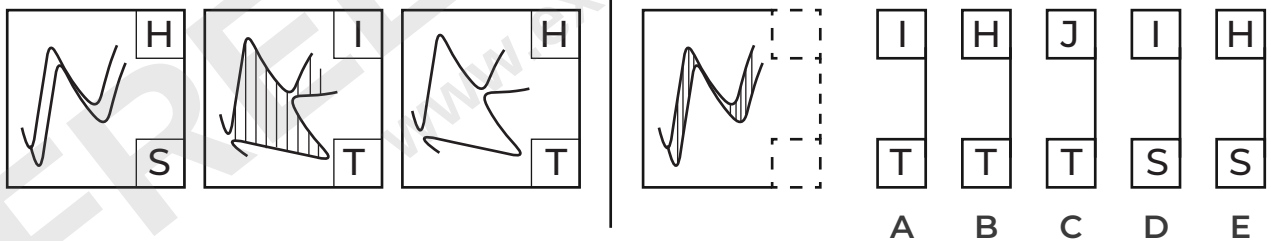
45



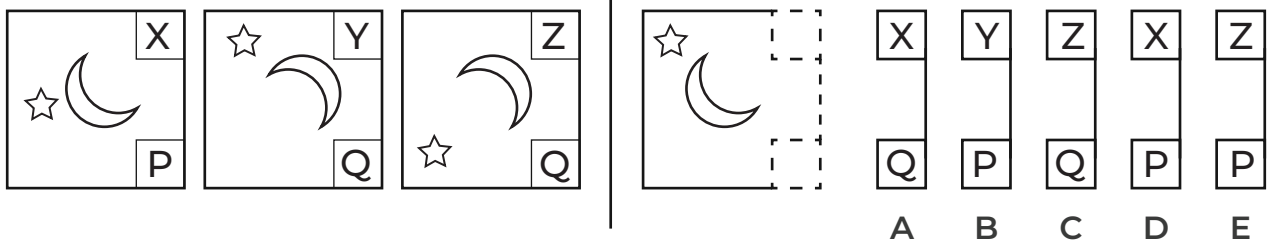
46



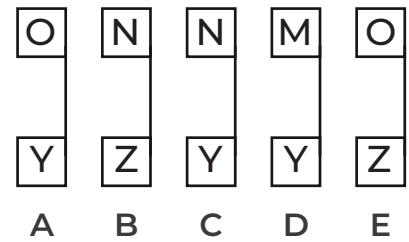
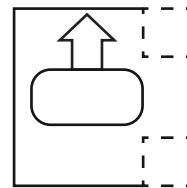
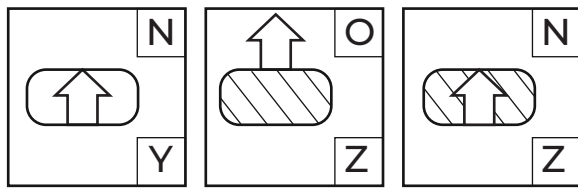
47



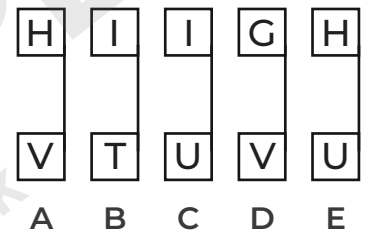
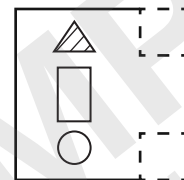
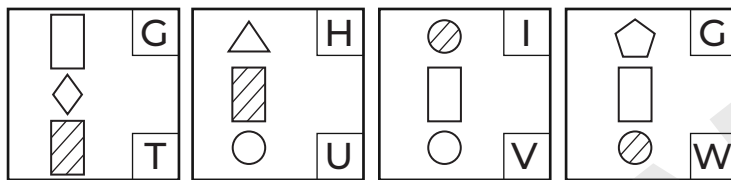
48



49



50



Answer Sheet

Please Mark boxes with a thin horizontal line like this 

1 A ☐ B ☐ C ☐ D ☐ E ☐	2 A ☐ B ☐ C ☐ D ☐ E ☐	3 A ☐ B ☐ C ☐ D ☐ E ☐	4 A ☐ B ☐ C ☐ D ☐ E ☐	5 A ☐ B ☐ C ☐ D ☐ E ☐	6 A ☐ B ☐ C ☐ D ☐ E ☐
7 A ☐ B ☐ C ☐ D ☐ E ☐	8 A ☐ B ☐ C ☐ D ☐ E ☐	9 A ☐ B ☐ C ☐ D ☐ E ☐	10 A ☐ B ☐ C ☐ D ☐ E ☐	11 A ☐ B ☐ C ☐ D ☐ E ☐	12 A ☐ B ☐ C ☐ D ☐ E ☐
13 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 ☐
19 A ☐ B ☐ C ☐ D ☐ E ☐	20 A ☐ B ☐ C ☐ D ☐ E ☐	21 A ☐ B ☐ C ☐ D ☐ E ☐	22 A ☐ B ☐ C ☐ D ☐ E ☐	23 A ☐ B ☐ C ☐ D ☐ E ☐	24 A ☐ B ☐ C ☐ D ☐ E ☐
25 A ☐ B ☐ C ☐ D ☐ E ☐	26 A ☐ B ☐ C ☐ D ☐ E ☐	27 A ☐ B ☐ C ☐ D ☐ E ☐	28 A ☐ B ☐ C ☐ D ☐ E ☐	29 A ☐ B ☐ C ☐ D ☐ E ☐	30 A ☐ B ☐ C ☐ D ☐ E ☐

Please Turn Over

Answer Sheet

Please Mark boxes with a thin horizontal line like this 

31 A ☐ B ☐ C ☐ D ☐ E ☐	32 A ☐ B ☐ C ☐ D ☐ E ☐	33 A ☐ B ☐ C ☐ D ☐ E ☐	34 A ☐ B ☐ C ☐ D ☐ E ☐	35 A ☐ B ☐ C ☐ D ☐ E ☐	36 A ☐ B ☐ C ☐ D ☐ E ☐	
37 A ☐ B ☐ C ☐ D ☐ E ☐	38 A ☐ B ☐ C ☐ D ☐ E ☐	39 A ☐ B ☐ C ☐ D ☐ E ☐	40 A ☐ B ☐ C ☐ D ☐ E ☐	41 A ☐ B ☐ C ☐ D ☐ E ☐	42 A ☐ B ☐ C ☐ D ☐ E ☐	
43 A ☐ B ☐ C ☐ D ☐ E ☐	44 A ☐ B ☐ C ☐ D ☐ E ☐	45 A ☐ B ☐ C ☐ D ☐ E ☐	46 A ☐ B ☐ C ☐ D ☐ E ☐	47 A ☐ B ☐ C ☐ D ☐ E ☐	48 A ☐ B ☐ C ☐ D ☐ E ☐	
49 A ☐ B ☐ C ☐ D ☐ E ☐	50 A ☐ B ☐ C ☐ D ☐ E ☐					

End of Test

Answers

Q.1	B	Q.26	C
Q.2	C	Q.27	C
Q.3	A	Q.28	E
Q.4	E	Q.29	A
Q.5	C	Q.30	D
Q.6	A	Q.31	D
Q.7	B	Q.32	E
Q.8	D	Q.33	B
Q.9	B	Q.34	C
Q.10	E	Q.35	B
Q.11	A	Q.36	A
Q.12	D	Q.37	E
Q.13	D	Q.38	B
Q.14	C	Q.39	C
Q.15	C	Q.40	C
Q.16	A	Q.41	D
Q.17	E	Q.42	B
Q.18	B	Q.43	A
Q.19	A	Q.44	E
Q.20	E	Q.45	C
Q.21	C	Q.46	B
Q.22	E	Q.47	D
Q.23	A	Q.48	B
Q.24	B	Q.49	A
Q.25	A	Q.50	C