



WESTBOURNE SCHOOL
academic excellence for the modern world



Westbourne School

Non-Verbal Reasoning

Assessment

Time: 40 minutes

FAMILY NAME FIRST NAME

DATE OF BIRTH (DD/MM/YYYY)/...../.....

Instructions to Candidate

1. Read each question carefully
2. Answer clearly in pencil. If you need to correct an answer
erase the wrong answer clearly so that there is no confusion
3. At the end of the session, please check your work

MATRICES

In each of the questions below there are four boxes on the left. Three of the boxes contain shapes or patterns. The fourth box is empty. There is a rule connecting the shapes or patterns in each row. There is also a rule for the columns. Work out the rules and put a circle around A, B, C, D or E to show which is the missing shape or pattern.

1

	A	B	C	D	E

2

	A	B	C	D	E

3

	A	B	C	D	E

4

	A	B	C	D	E

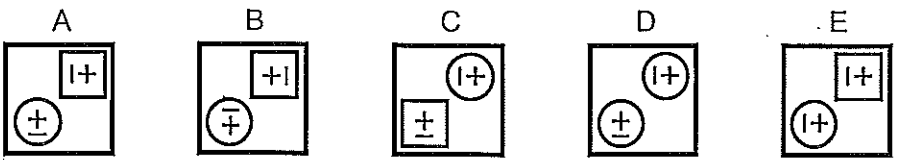
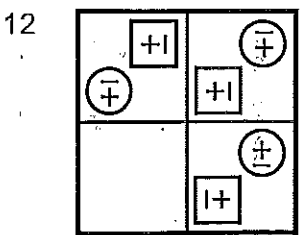
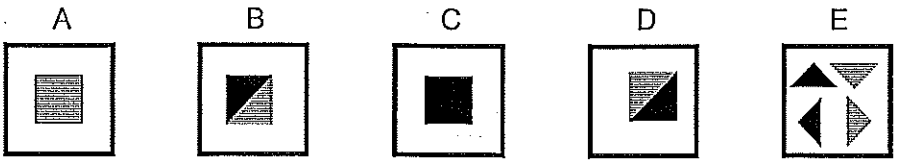
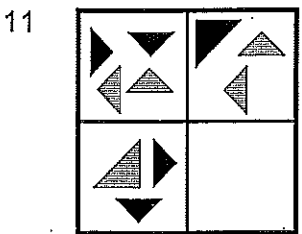
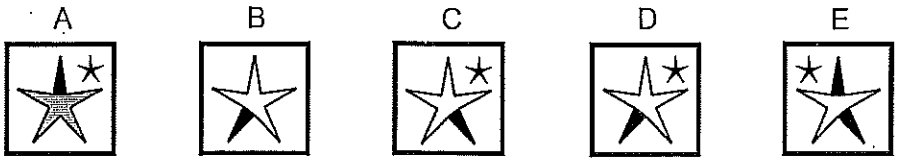
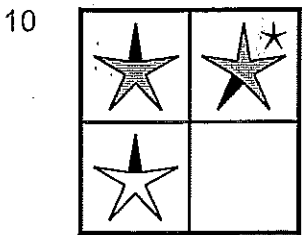
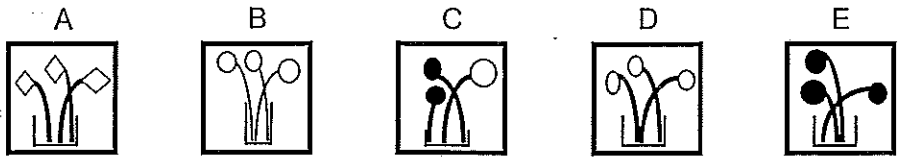
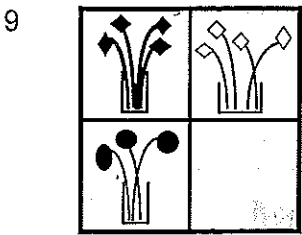
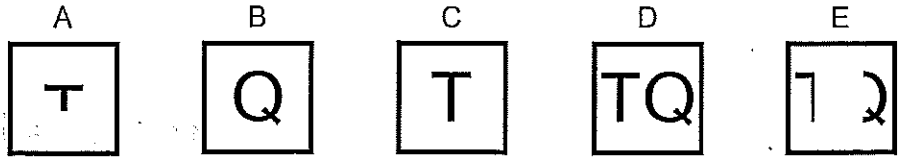
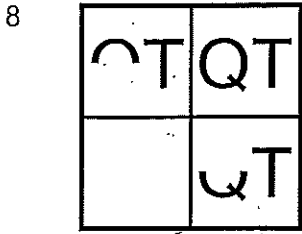
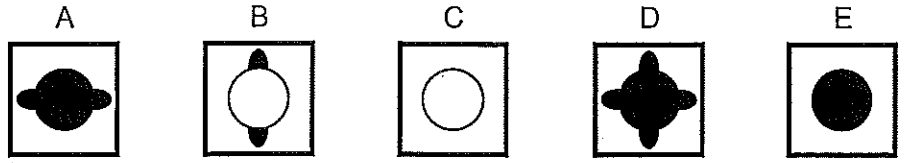
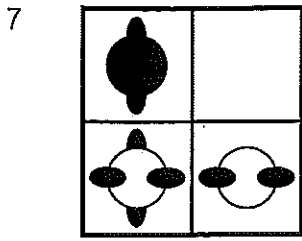
5

	A	B	C	D	E

6

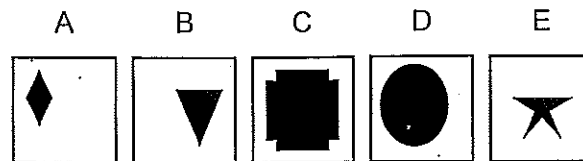
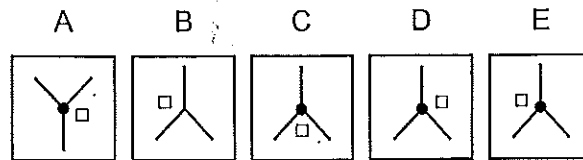
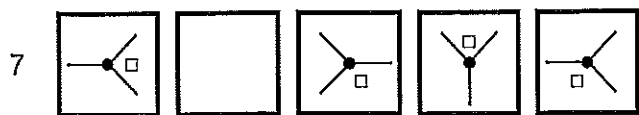
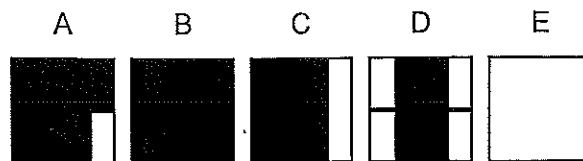
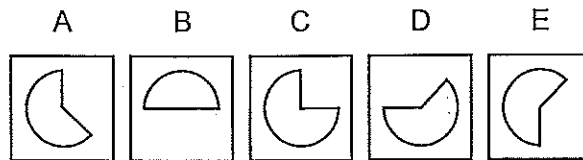
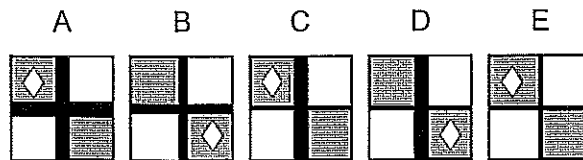
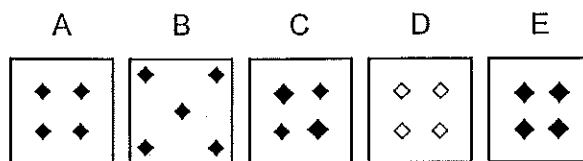
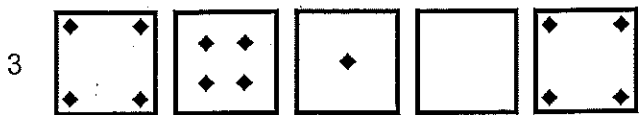
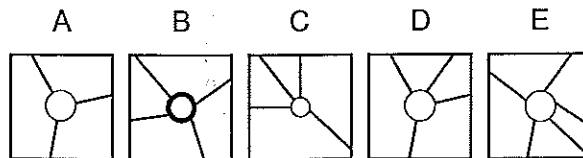
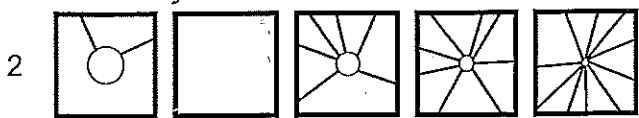
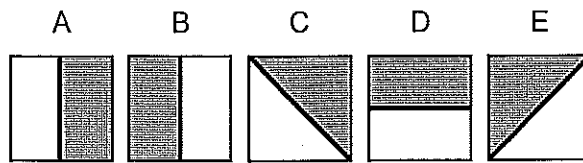
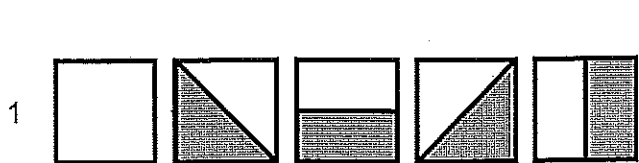
	A	B	C	D	E

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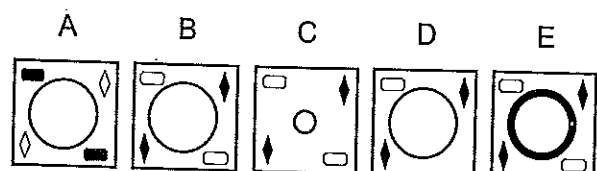
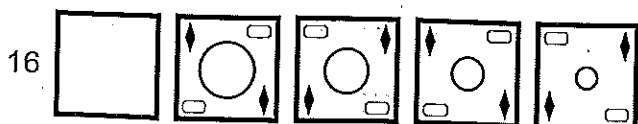
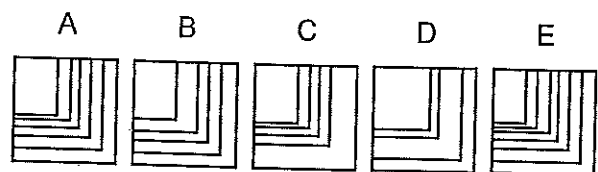
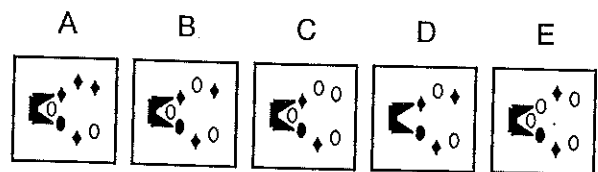
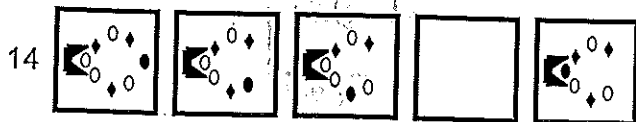
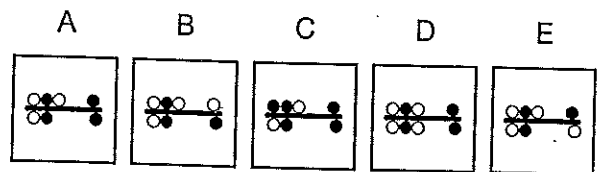
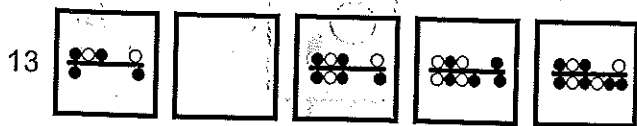
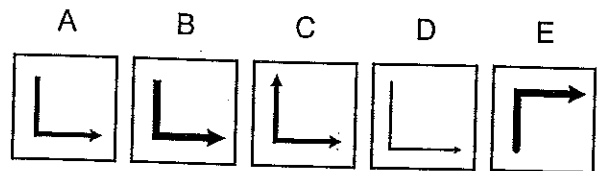
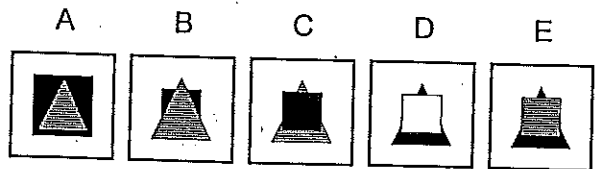
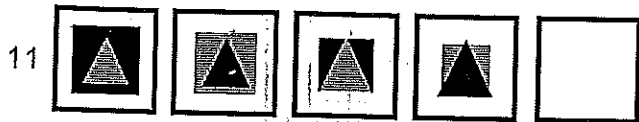
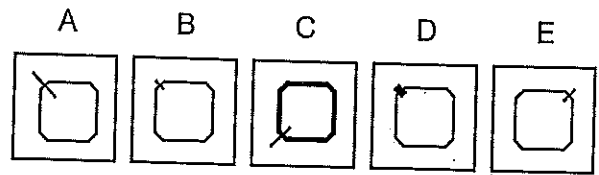
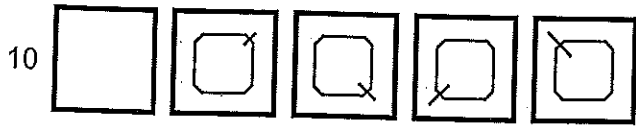
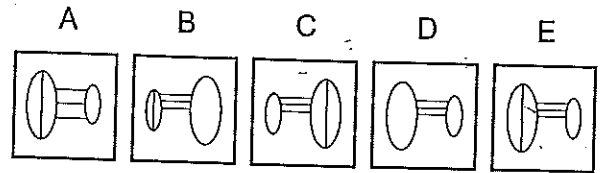
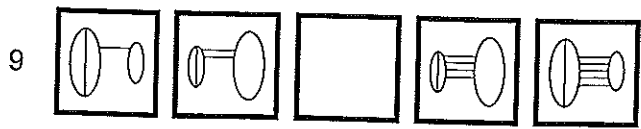


SERIAL RELATIONSHIPS

In each of the questions below there are five boxes on the left. The figures in these boxes are in order but one is missing. One of the figures in the boxes on the right is the missing figure. Put a circle around the letter above this figure.



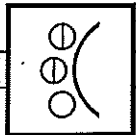

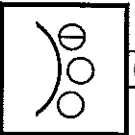
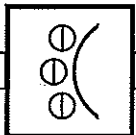
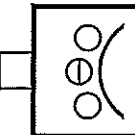
CONTINUE ON THE NEXT PAGE



CODES

In these questions there are five boxes containing shapes or patterns. There are two letters at the edge of each of the first four boxes. These letters are a code for the shapes or patterns in each box. Work out the code and complete the last box by filling in the two-letter code. There is a different code for each question.

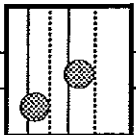
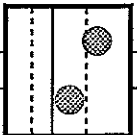
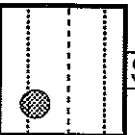
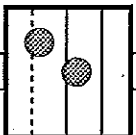
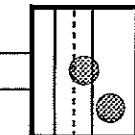
1

	X  F	U  G	U  G	X  F	
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2

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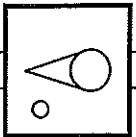


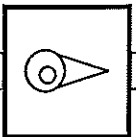
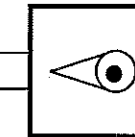
3

	L  P	K  P	K  S	K  P	
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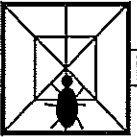

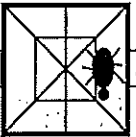
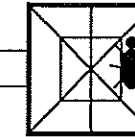
4

	E  X	A  D	P  D	A  X	
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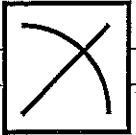
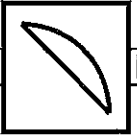
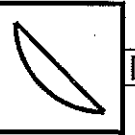

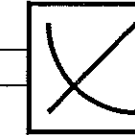
5

	K  B	L  B	L  D	N  D	
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6

	W  F	W  E	K  P	K  S	
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7

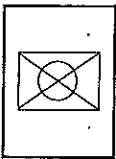
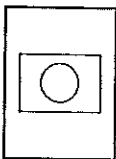
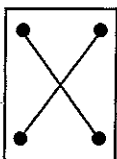
	R  F	R  D	P  D	O  F	
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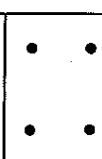


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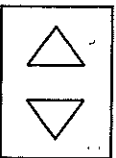
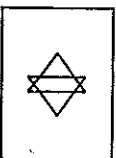
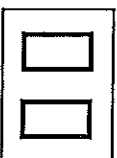
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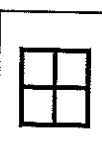



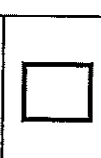
ANALOGIC RELATIONSHIPS




In each of these questions compare the figure in the first box with the figure in the second box. Then look at the figure in the third box and find its partner in the boxes on the right. Put a circle around the letter above the correct answer.






1  is to  as  is to

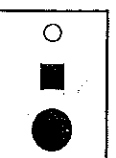
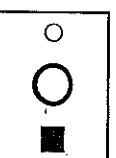
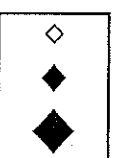
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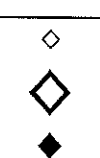
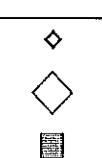


2  is to  as  is to

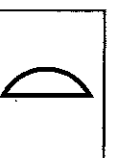
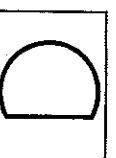

A	B	C	D	E
				






3  is to  as  is to

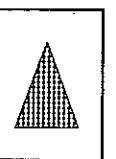

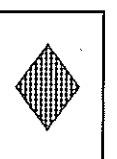
A	B	C	D	E
				


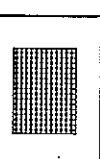



4  is to  as  is to

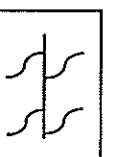
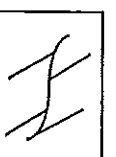
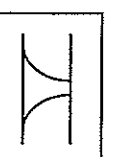
A	B	C	D	E
				


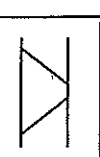

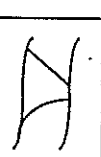

5  is to  as  is to

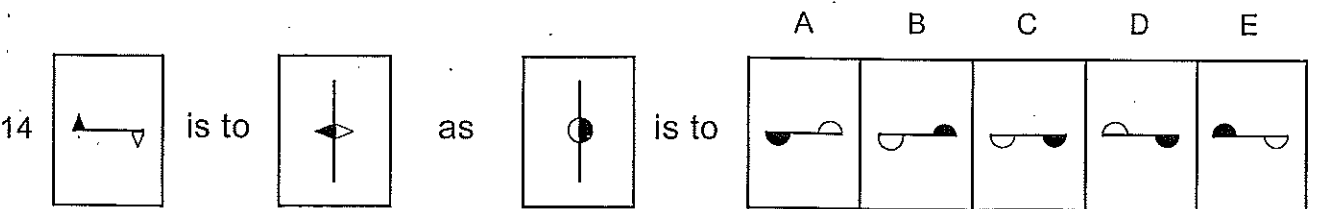
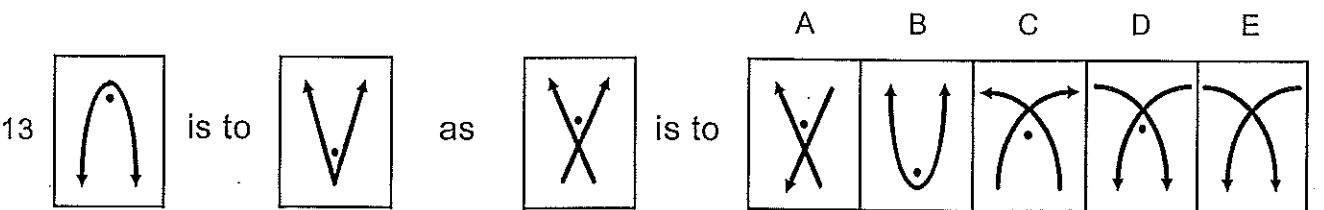
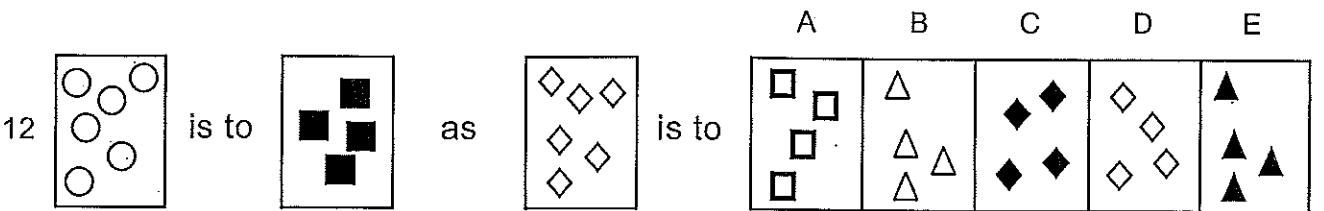
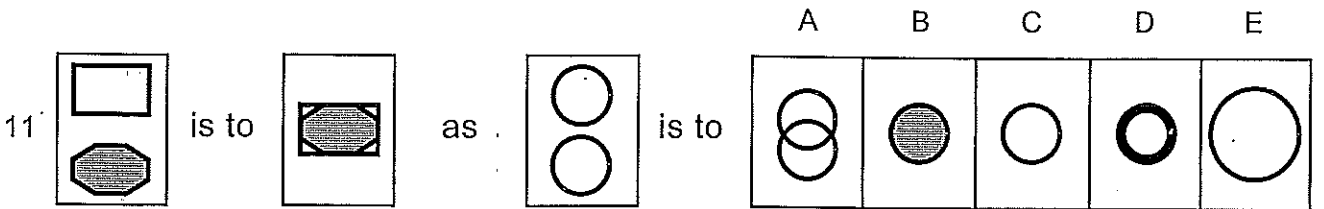
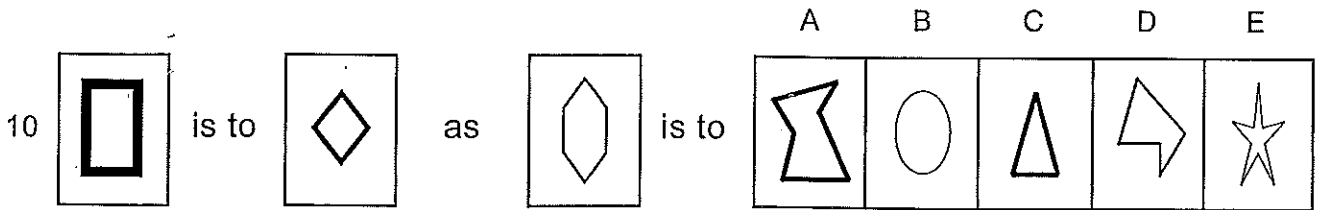
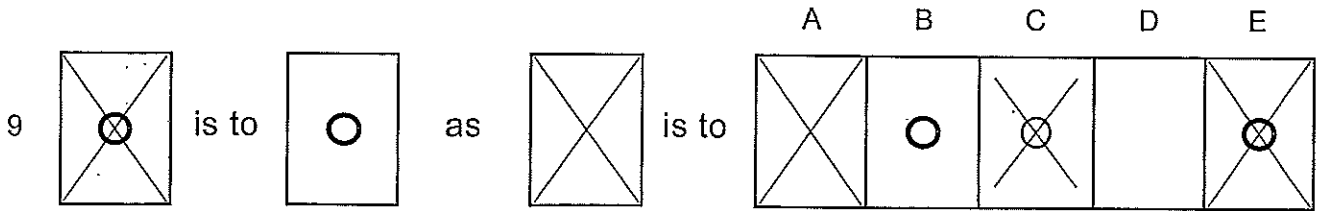
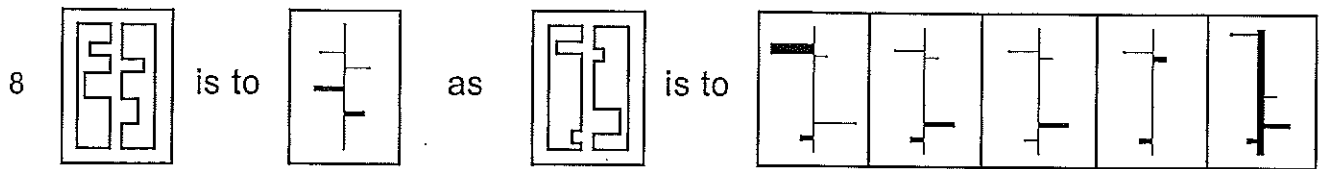
A	B	C	D	E
				

6  is to  as  is to

A	B	C	D	E
				

7  is to  as  is to

A	B	C	D	E
				



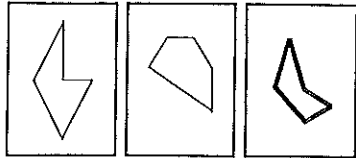
ISOMORPHIC RELATIONSHIPS

In each of these questions the shapes in the three boxes on the left are similar in some way. Look at the shapes in boxes A to G and find **TWO** shapes which are similar to the first three shapes. Put a circle around the letters above these two shapes.

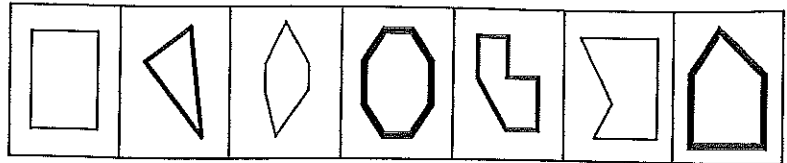
1		A	B	C	D	E	F	G
2		A	B	C	D	E	F	G
3		A	B	C	D	E	F	G
4		A	B	C	D	E	F	G
5		A	B	C	D	E	F	G
6		A	B	C	D	E	F	G
7		A	B	C	D	E	F	G

CONTINUE ON THE NEXT PAGE

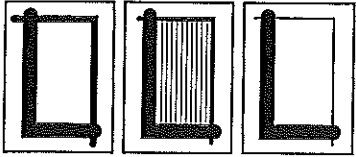
8



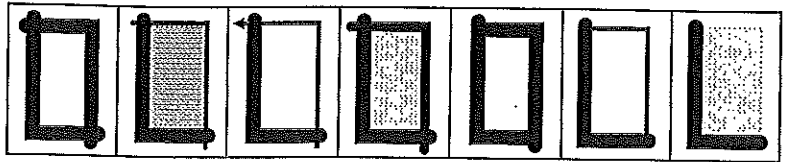
A B C D E F G



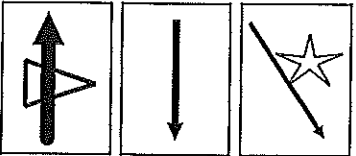
9



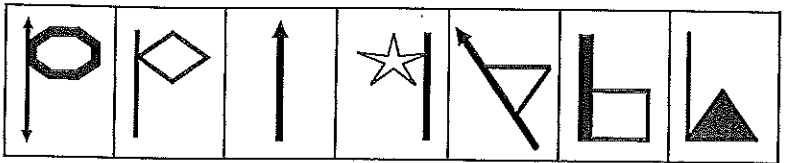
A B C D E F G



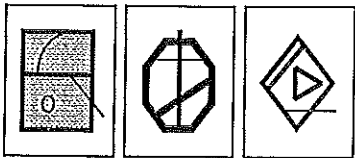
10



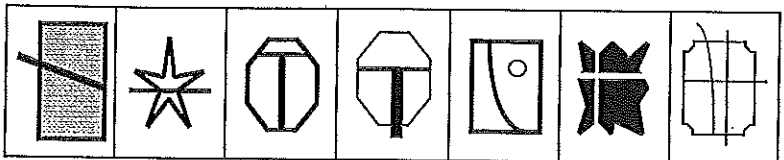
A B C D E F G



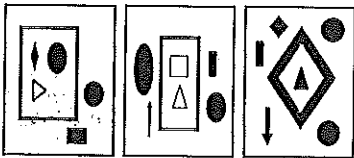
11



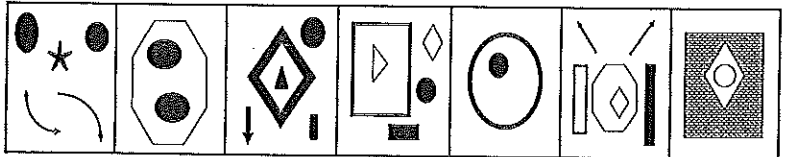
A B C D E F G



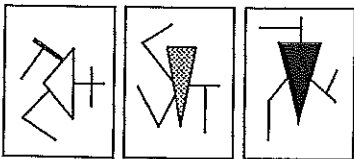
12



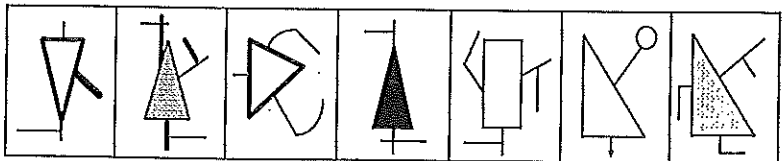
A B C D E F G



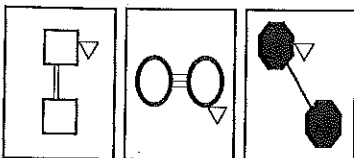
13



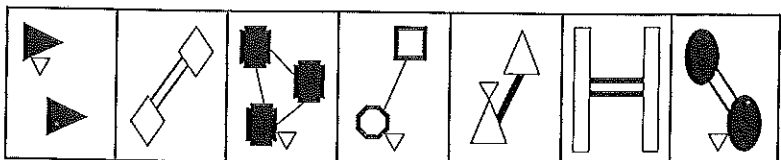
A B C D E F G



14

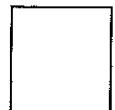


A B C D E F G



STOP

TOTAL



STOP HERE UNTIL YOU ARE TOLD TO CONTINUE