4.18 Shape Codes: 30-minute Pack

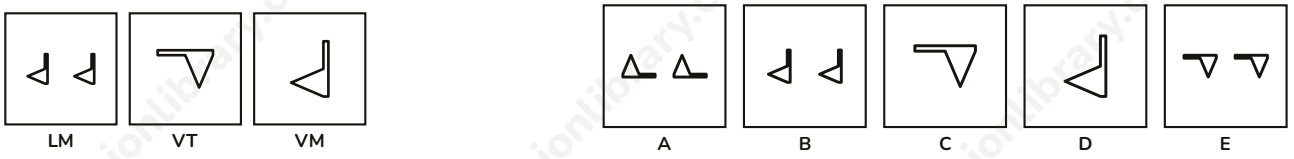
GL ASSESSMENT GL-EP.N6 · Calculators not allowed · about 30 minutes

Total Marks

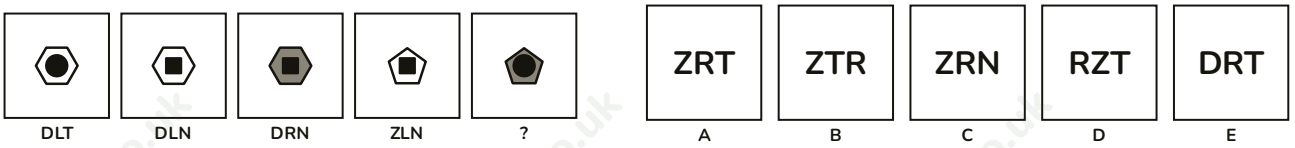
Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

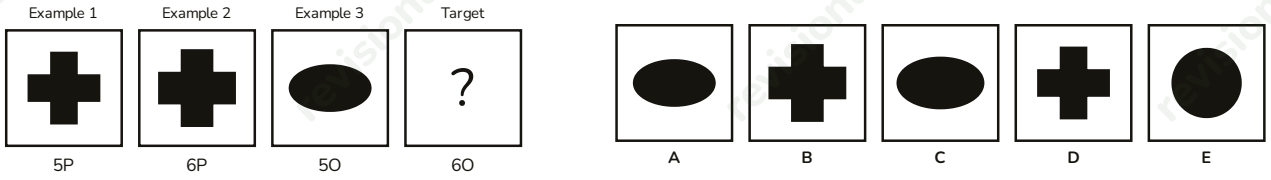
1 Study the examples below to work out the rule linking each code to its figure. Then work out which option (A to E) shows the figure with the code LT.



2 Study the examples below to work out the rule linking each code to its figure. Then work out which option (A to E) is the code for the figure marked '?'.



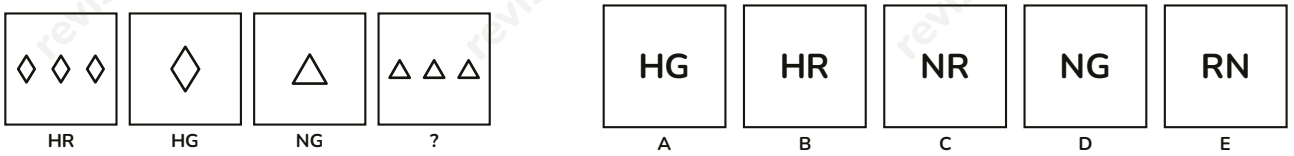
3 Study Examples 1 to 3 below to work out the rule linking each code to its figure. Then work out which option (A to E) shows the figure with the code given.



4 Study the examples below to work out the rule linking each code to its figure. Then work out which option (A to E) is the code for the figure marked '?'.



5

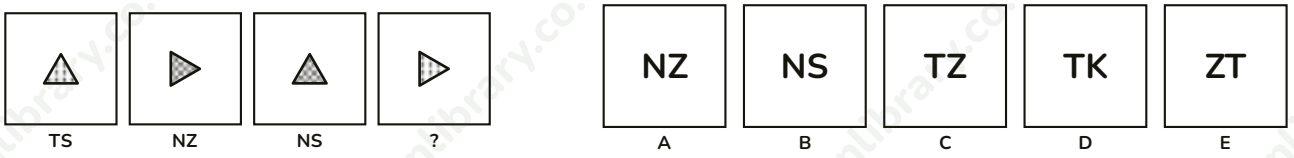


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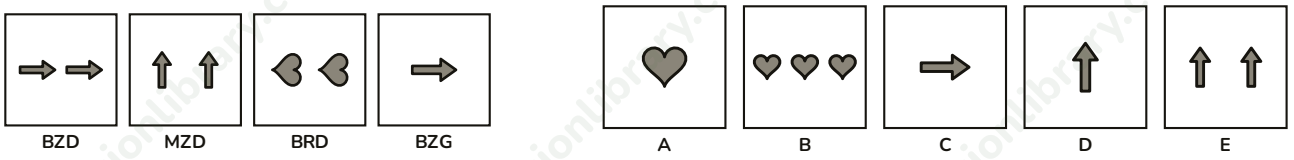
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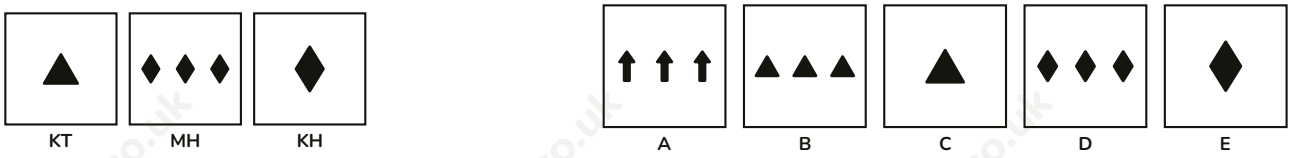
8



9 Study the examples below to work out the rule linking each code to its figure. Then work out which option (A to E) shows the figure with the code MRG.



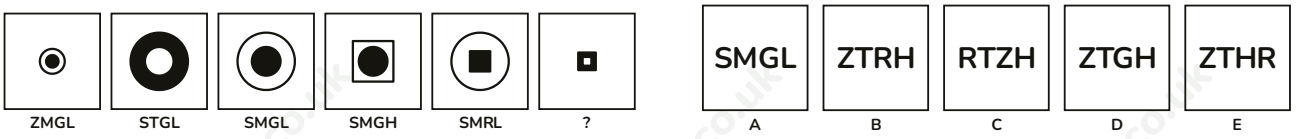
10 Study the examples below to work out the rule linking each code to its figure. Then work out which option (A to E) shows the figure with the code MT.



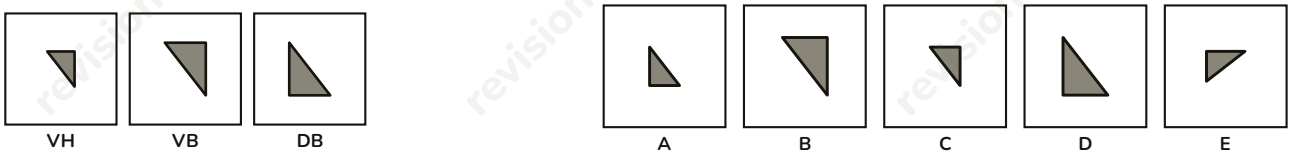
11 Study the examples below to work out the rule linking each code to its figure. Then work out which option (A to E) is the code for the figure marked '?'.



12

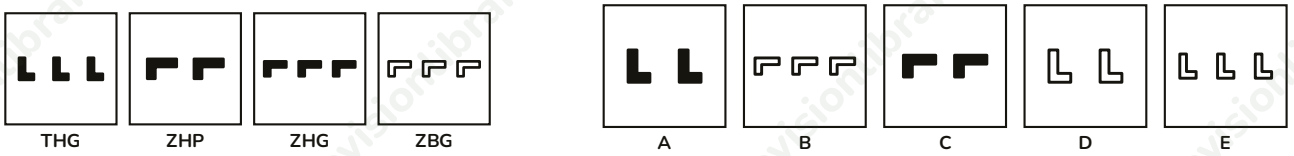


13 Study the examples below to work out the rule linking each code to its figure. Then work out which option (A to E) shows the figure with the code DH.

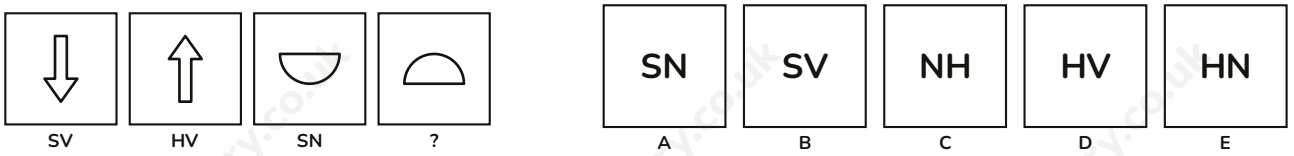


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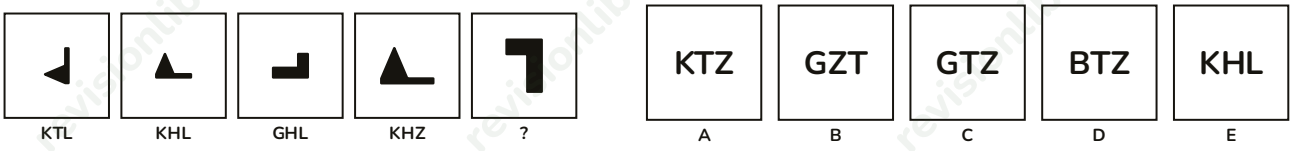
14 Study the examples below to work out the rule linking each code to its figure. Then work out which option (A to E) shows the figure with the code TBP.



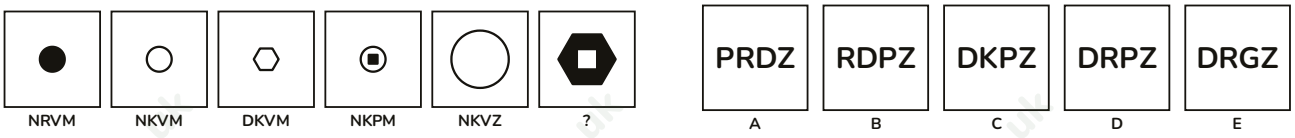
15 Study the examples below to work out the rule linking each code to its figure. Then work out which option (A to E) is the code for the figure marked '?'.



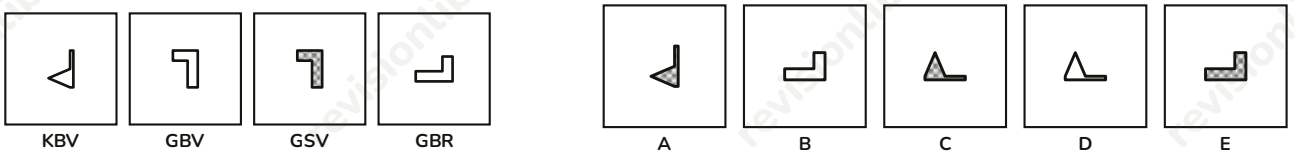
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17



18 Study the examples below to work out the rule linking each code to its figure. Then work out which option (A to E) shows the figure with the code KSR.

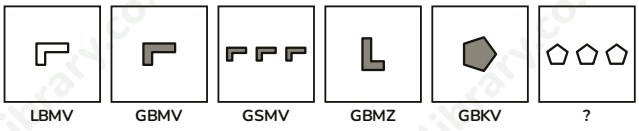


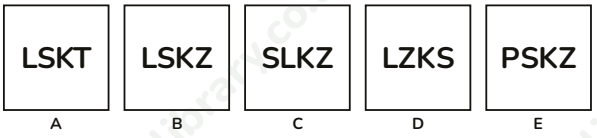
19 Study the examples below to work out the rule linking each code to its figure. Then work out which option (A to E) is the code for the figure marked '?'.



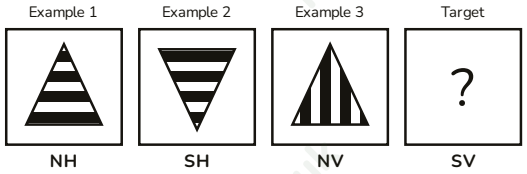
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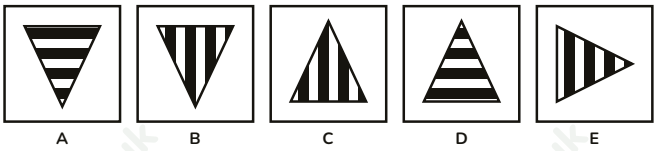
20





21 Study Examples 1 to 3 below to work out the rule linking each code to its figure. Then work out which option (A to E) shows the figure with the code given.





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Mark scheme · 4.18 Shape Codes: 30-minute Pack

Question 1

selects option E: the code LT means count 2, turn turned 90 degrees clockwise (cao) **B1**

Answer: E) Two small unshaded (white) flags (turned 90 degrees clockwise) side by side in a row (upright, the flag has its pole on the left, pennant pointing right from the top)

Question 2

selects option A: kind pentagon is Z, fill mid-grey is R, inner with an inner circle is T (cao) **B1**

Answer: A) ZRT

Question 3

Correct option identified (C oe, cao) - combines the confirmed code for thick outline (6) with the confirmed code for oval (O) **B1**

Answer: C

Question 4

selects option D: fill solid black is S, kind diamond is L, count 3 is N (cao) **B1**

Answer: D) SLN

Question 5

selects option C: kind triangle is N, count 3 is R (cao) **B1**

Answer: C) NR

Question 6

selects option A: size small is L, turn turned 0 degrees clockwise is G, kind triangle is D (cao) **B1**

Answer: A) LGD

Question 7

selects option C: fill dotted is T, turn turned 90 degrees clockwise is Z (cao) **B1**

Answer: C) TZ

Question 8

selects option E: kind right-angled triangle is D, size medium is N, turn turned 270 degrees clockwise is L (cao) **B1**

Answer: E) DNL

Question 9

selects option A: the code MRG means turn turned 0 degrees clockwise, kind heart, count 1 (cao) **B1**

Answer: A) A medium mid-grey heart with its point facing down

Question 10

selects option B: the code MT means count 3, kind triangle (cao) **B1**

Answer: B) Three small solid black triangles with one point facing up side by side in a row

Question 11

selects option C: kind heart is V, turn turned 180 degrees clockwise is H, fill dotted is D (cao) **B1**

Answer: C) VHD

Question 12

selects option B: size small is Z, fill solid black is T, inner with an inner square is R, kind square is H (cao) **B1**

Answer: B) ZTRH

Question 13

selects option A: the code DH means turn turned 0 degrees clockwise, size medium (cao) **B1**

Answer: A) A medium mid-grey right-angled triangle (upright, the right-angled triangle has its right angle at the bottom left, longer side along the bottom)

Question 14

selects option D: the code TBP means turn turned 0 degrees clockwise, fill unshaded (white), count 2 (cao) **B1**

Answer: D) Two small unshaded (white) L-shapes side by side in a row (upright, the L-shape has its tall arm on the left, foot pointing right along the bottom)

Question 15

selects option E: turn turned 0 degrees clockwise is H, kind semicircle is N (cao) **B1**

Answer: E) HN

Question 16

selects option C: kind L-shape is G, turn turned 180 degrees clockwise is T, size large is Z (cao) **B1**

Answer: C) GTZ

Question 17

selects option D: kind hexagon is D, fill solid black is R, inner with an inner square is P, size large is Z (cao) **B1**

Answer: D) DRPZ

Question 18

selects option C: the code KSR means kind flag, fill cross-hatched, turn turned 270 degrees clockwise (cao) **B1**

Answer: C) A medium cross-hatched flag (turned 270 degrees clockwise) (upright, the flag has its pole on the left, pennant pointing right from the top)

Question 19

selects option D: kind flag is R, size large is S, turn turned 90 degrees clockwise is P (cao) **B1**

Answer: D) RSP

Question 20

selects option B: fill unshaded (white) is L, count 3 is S, kind pentagon is K, turn turned 0 degrees clockwise is Z (cao) **B1**

Answer: B) LSKZ

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Question 21

Correct option identified (B oe, cao) - combines the confirmed code for pointing down (S) with the confirmed code for vertical stripes (V) **B1**

Answer: B

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