4.18 Shape Codes: 1-hour Pack

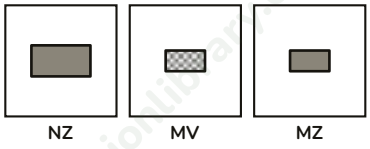
GL ASSESSMENT GL-EP.N6 · Calculators not allowed · about 60 minutes

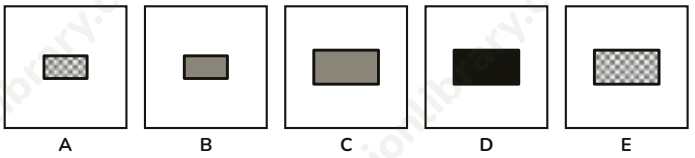
Total Marks

Name: _____ Date: ____ / ____ / _____

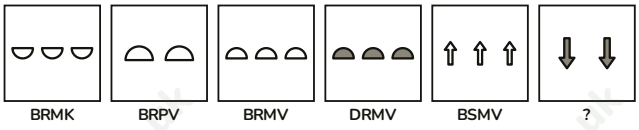
Answer ALL questions. Show all your working.

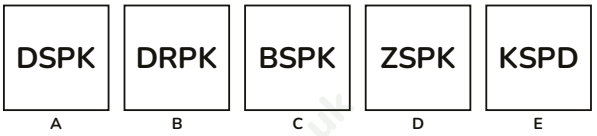
1 Study the examples below to work out the rule linking each code to its figure. Then work out which option (A to E) shows the figure with the code NV.



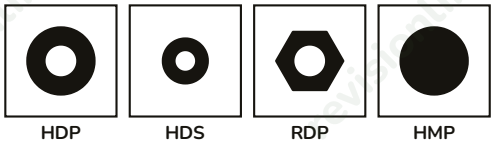


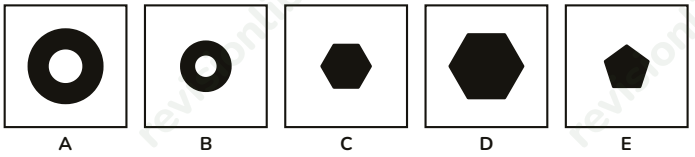
2 Study the examples below to work out the rule linking each code to its figure. Then work out which option (A to E) is the code for the figure marked '?'.





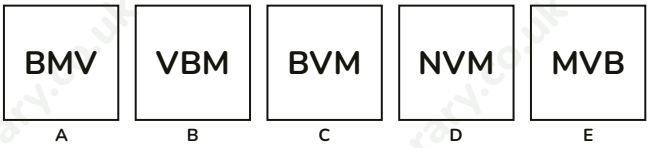
3 Study the examples below to work out the rule linking each code to its figure. Then work out which option (A to E) shows the figure with the code RMS.



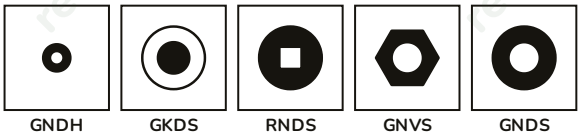


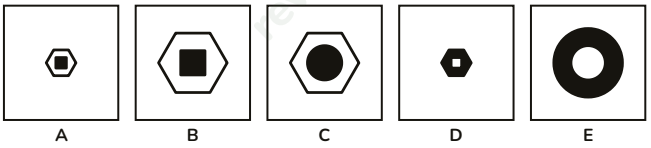
4 Study the examples below to work out the rule linking each code to its figure. Then work out which option (A to E) is the code for the figure marked '?'.





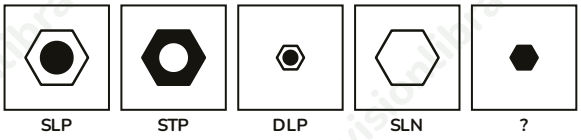
5 Study the examples below to work out the rule linking each code to its figure. Then work out which option (A to E) shows the figure with the code RKVH.

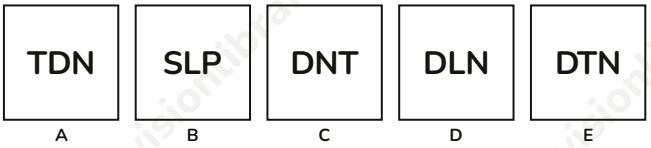




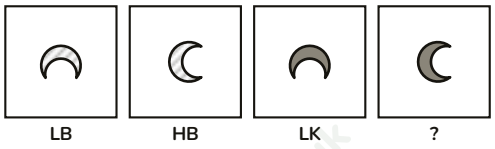
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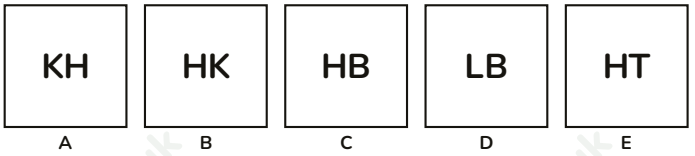
6 Study the examples below to work out the rule linking each code to its figure. Then work out which option (A to E) is the code for the figure marked '?'.



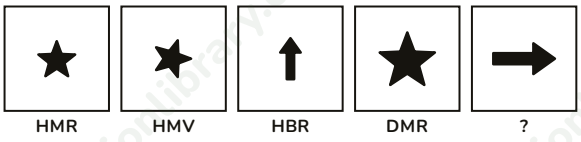


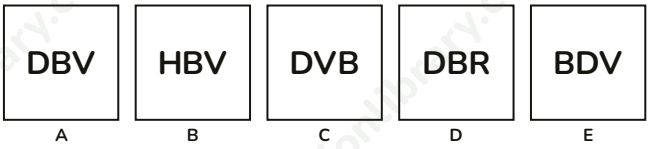
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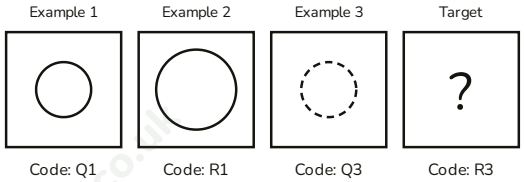


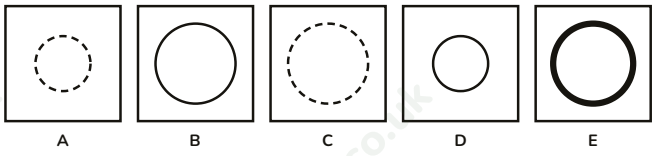
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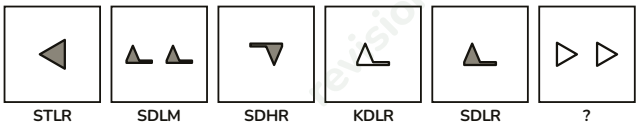


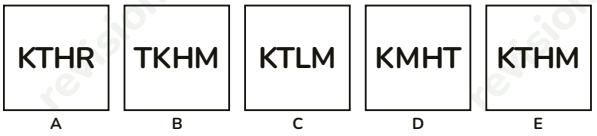
9 Study Examples 1 to 3 below to work out the rule linking each code to its figure. Then work out which option (A to E) shows the figure with the code given.



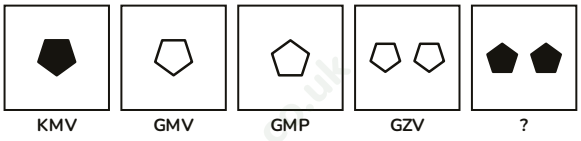


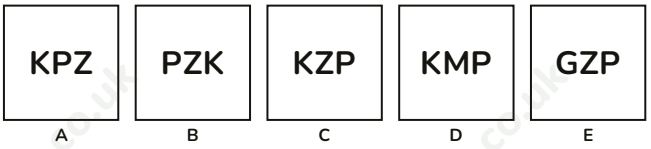
10 Study the examples below to work out the rule linking each code to its figure. Then work out which option (A to E) is the code for the figure marked '?'.



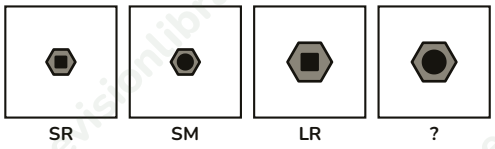


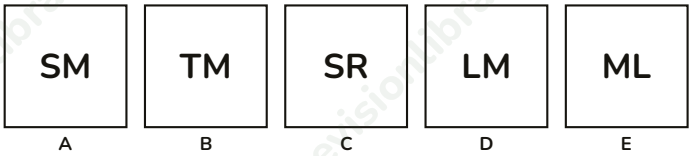
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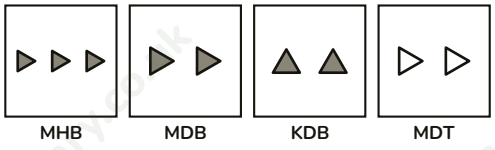


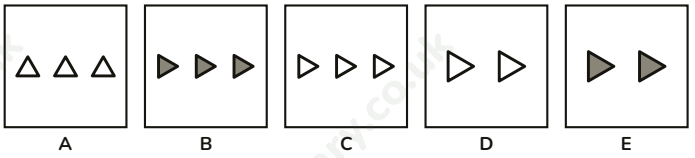
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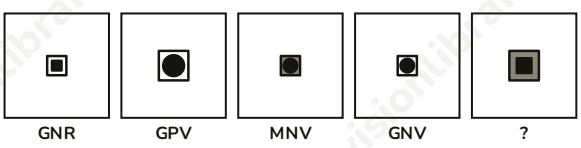
13 Study the examples below to work out the rule linking each code to its figure. Then work out which option (A to E) shows the figure with the code KHT.

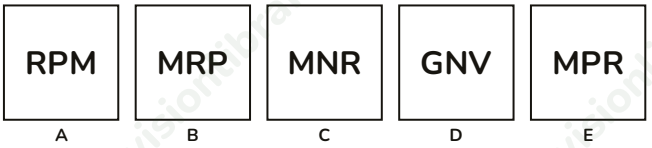




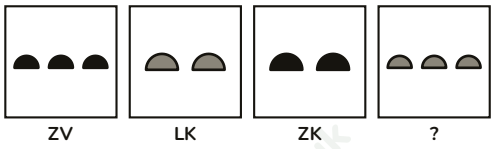
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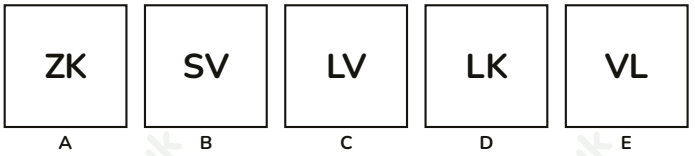
14 Study the examples below to work out the rule linking each code to its figure. Then work out which option (A to E) is the code for the figure marked '?'.



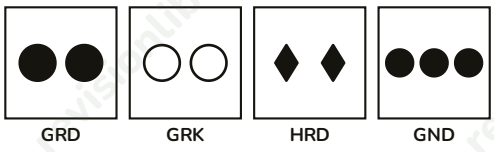


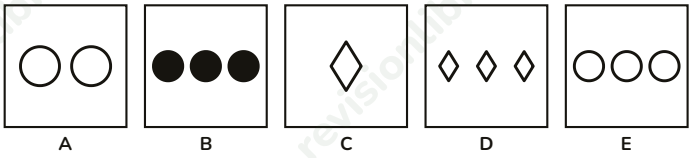
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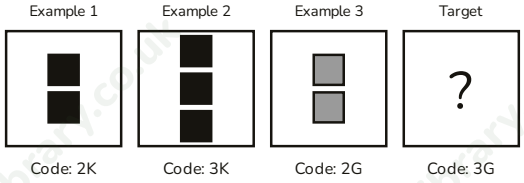


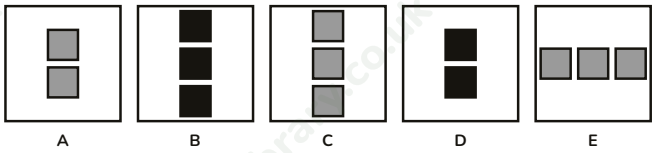
16 Study the examples below to work out the rule linking each code to its figure. Then work out which option (A to E) shows the figure with the code HNK.



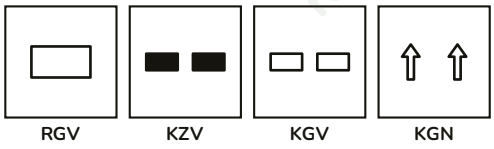


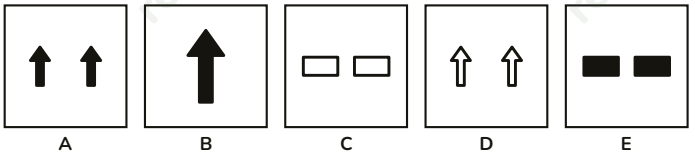
17 Study Examples 1 to 3 below to work out the rule linking each code to its figure. Then work out which option (A to E) shows the figure with the code given.



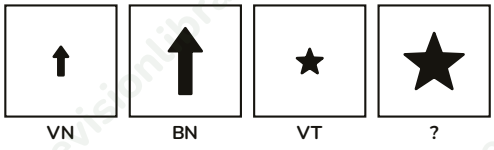


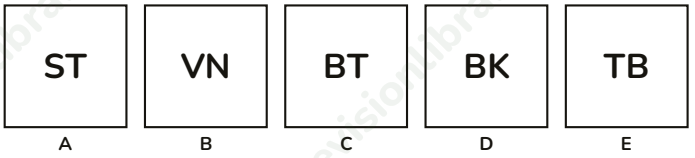
18 Study the examples below to work out the rule linking each code to its figure. Then work out which option (A to E) shows the figure with the code RZN.



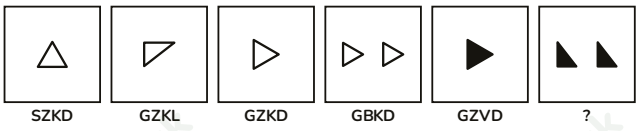


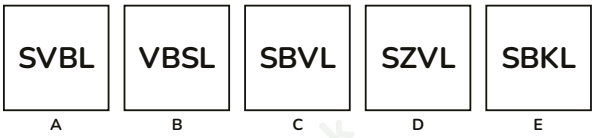
19 Study the examples below to work out the rule linking each code to its figure. Then work out which option (A to E) is the code for the figure marked '?'.





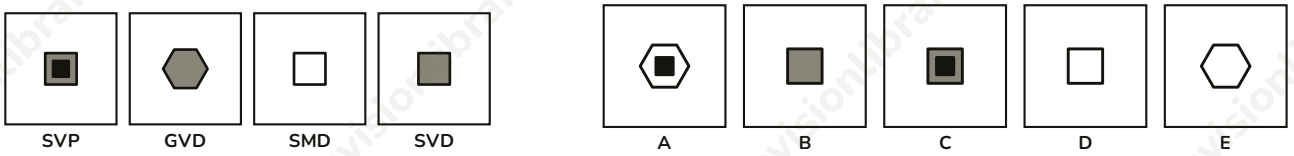
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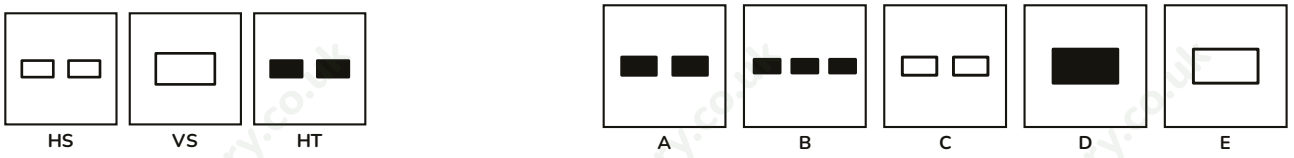


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21 Study the examples below to work out the rule linking each code to its figure. Then work out which option (A to E) shows the figure with the code GMP.



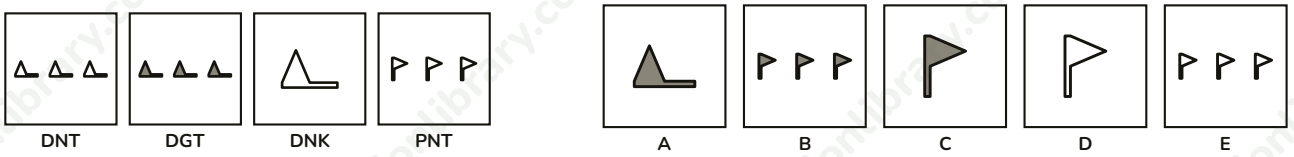
22 Study the examples below to work out the rule linking each code to its figure. Then work out which option (A to E) shows the figure with the code VT.



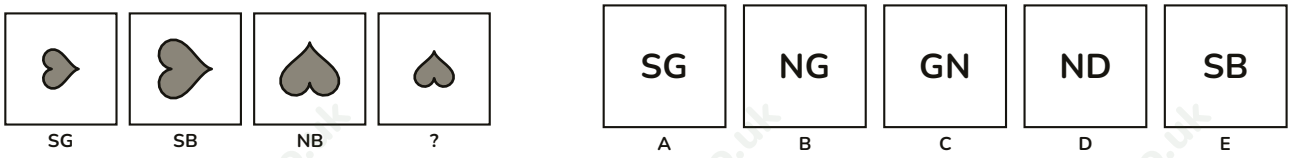
23 Study the examples below to work out the rule linking each code to its figure. Then work out which option (A to E) is the code for the figure marked '?'.



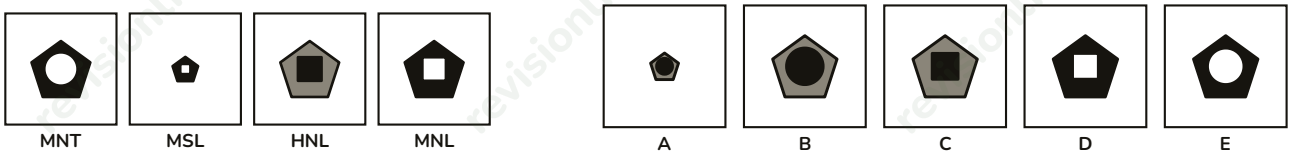
24 Study the examples below to work out the rule linking each code to its figure. Then work out which option (A to E) shows the figure with the code PGK.



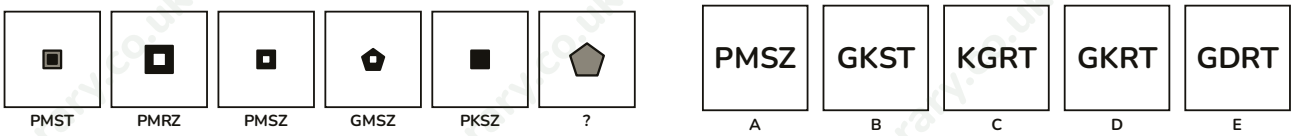
25 Study the examples below to work out the rule linking each code to its figure. Then work out which option (A to E) is the code for the figure marked '?'.



26 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 HST.



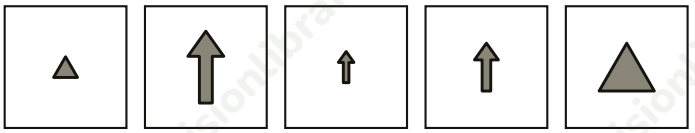
27 Study the examples below to work out the rule linking each code to its figure. Then work out which option (A to E) is the code for the figure marked '?'.



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28 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 GL.



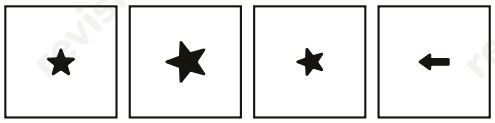


29 Study the examples below to work out the rule linking each code to its figure. Then work out which option (A to E) is the code for the figure marked '?'.



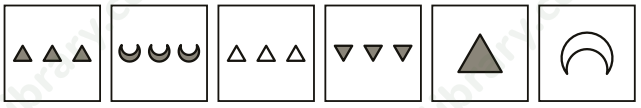


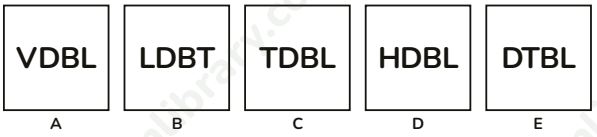
30 Study the examples below to work out the rule linking each code to its figure. Then work out which option (A to E) shows the figure with the code MPT.



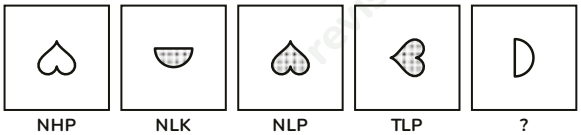


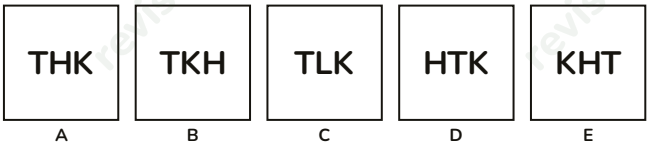
31 Study the examples below to work out the rule linking each code to its figure. Then work out which option (A to E) is the code for the figure marked '?'.



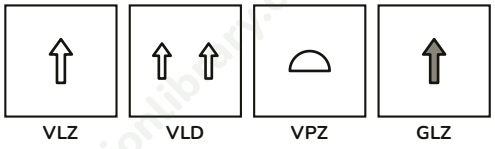


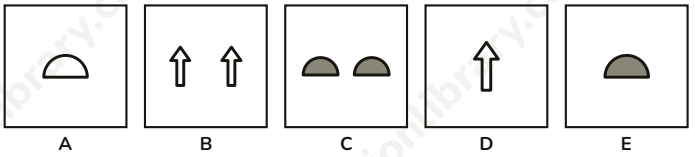
32



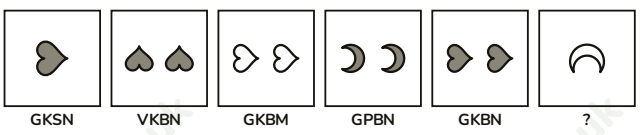


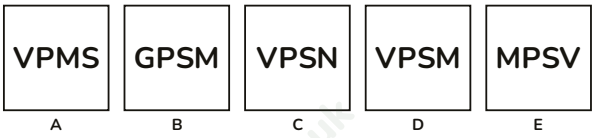
33 Study the examples below to work out the rule linking each code to its figure. Then work out which option (A to E) shows the figure with the code GPD.





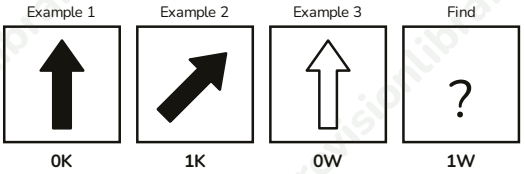
34 Study the examples below to work out the rule linking each code to its figure. Then work out which option (A to E) is the code for the figure marked '?'.

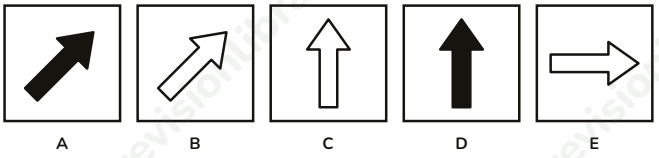




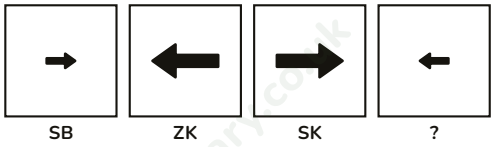
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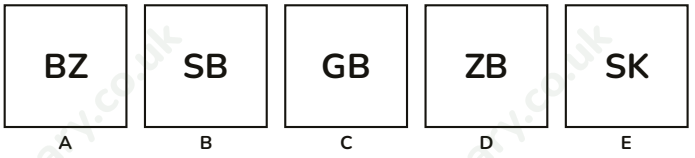
35 Study Examples 1 to 3 below to work out the rule linking each code to its figure. Then work out which option (A to E) shows the figure with the code given.



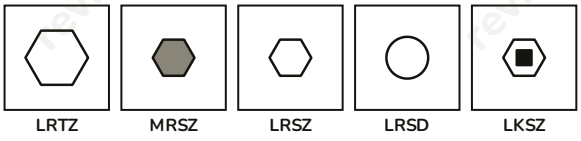


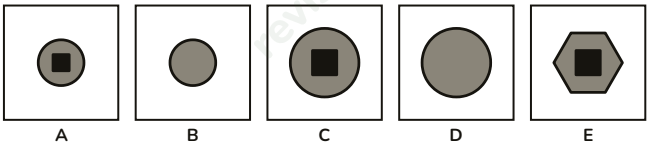
36 Study the examples below to work out the rule linking each code to its figure. Then work out which option (A to E) is the code for the figure marked '?'.



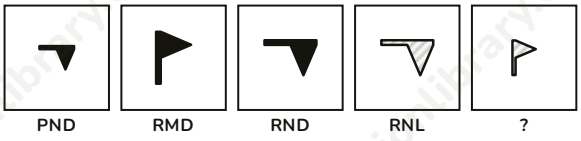


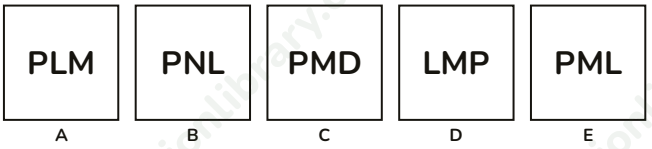
37 Study the examples below to work out the rule linking each code to its figure. Then work out which option (A to E) shows the figure with the code MKTD.



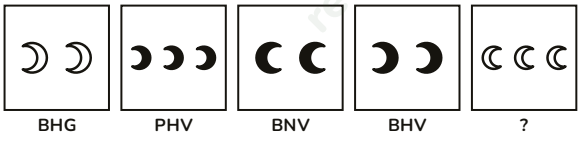


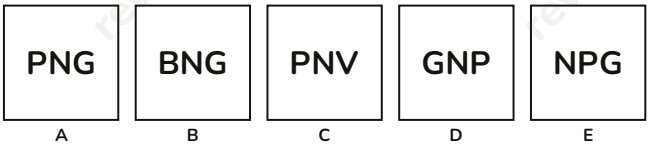
38 Study the examples below to work out the rule linking each code to its figure. Then work out which option (A to E) is the code for the figure marked '?'.



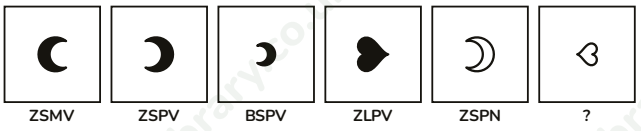


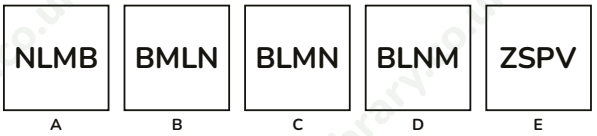
39





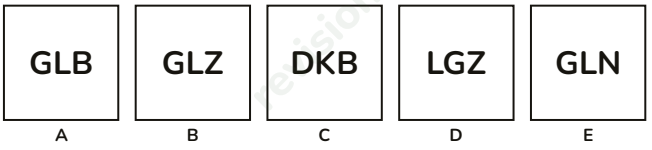
40





41





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Mark scheme · 4.18 Shape Codes: 1-hour Pack

Question 1

selects option E: the code NV means size large, fill cross-hatched (cao) **B1**

Answer: E) A large cross-hatched rectangle (upright, the rectangle has its long sides horizontal)

Question 2

selects option A: fill mid-grey is D, kind arrow is S, count 2 is P, turn turned 180 degrees clockwise is K (cao) **B1**

Answer: A) DSPK

Question 3

selects option C: the code RMS means kind hexagon, inner with no inner shape, size medium (cao) **B1**

Answer: C) A medium solid black hexagon (upright, the hexagon has its flat top and bottom)

Question 4

selects option C: size small is B, kind circle is V, inner with an inner square is M (cao) **B1**

Answer: C) BVM

Question 5

selects option A: the code RKVH means inner with an inner square, fill unshaded (white), kind hexagon, size small (cao) **B1**

Answer: A) A small unshaded (white) hexagon, with a small solid black square centred inside it (upright, the hexagon has its flat top and bottom)

Question 6

selects option E: size small is D, fill solid black is T, inner with no inner shape is N (cao) **B1**

Answer: E) DTN

Question 7

selects option B: turn turned 90 degrees clockwise is H, fill mid-grey is K (cao) **B1**

Answer: B) HK

Question 8

selects option A: size large is D, kind arrow is B, turn turned 90 degrees clockwise is V (cao) **B1**

Answer: A) DBV

Question 9

Correct option identified (C oe, cao) - combines the confirmed code for large (R) with the confirmed code for dashed outline (3) **B1**

Answer: C

Question 10

selects option E: fill unshaded (white) is K, kind triangle is T, turn turned 90 degrees clockwise is H, count 2 is M (cao) **B1**

Answer: E) KTHM

Question 11

selects option C: fill solid black is K, count 2 is Z, turn turned 0 degrees clockwise is P (cao) **B1**

Answer: C) KZP

Question 12

selects option D: size medium is L, inner with an inner circle is M (cao) **B1**

Answer: D) LM

Question 13

selects option A: the code KHT means turn turned 0 degrees clockwise, count 3, fill unshaded (white) (cao) **B1**

Answer: A) Three small unshaded (white) triangles with one point facing up side by side in a row

Question 14

selects option E: fill mid-grey is M, size medium is P, inner with an inner square is R (cao) **B1**

Answer: E) MPR

Question 15

selects option C: fill mid-grey is L, count 3 is V (cao) **B1**

Answer: C) LV

Question 16

selects option D: the code HNK means kind diamond, count 3, fill unshaded (white) (cao) **B1**

Answer: D) Three small unshaded (white) diamonds side by side in a row

Question 17

Correct option identified (C oe, cao) - combines the confirmed code for three shapes (3) with the confirmed code for grey shading (G) **B1**

Answer: C

Question 18

selects option B: the code RZN means count 1, fill solid black, kind arrow (cao) **B1**

Answer: B) A large solid black arrow pointing up

Question 19

selects option C: size large is B, kind star is T (cao) **B1**

Answer: C) BT

Question 20

selects option C: turn turned 0 degrees clockwise is S, count 2 is B, fill solid black is V, kind right-angled triangle is L (cao) **B1**

Answer: C) SBVL

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Question 21

selects option A: the code GMP means kind hexagon, fill unshaded (white), inner with an inner square (cao) **B1**

Answer: A) A medium unshaded (white) hexagon, with a small solid black square centred inside it (upright, the hexagon has its flat top and bottom)

Question 22

selects option D: the code VT means count 1, fill solid black (cao) **B1**

Answer: D) A large solid black rectangle (upright, the rectangle has its long sides horizontal)

Question 23

selects option E: fill cross-hatched is T, kind semicircle is S, turn turned 90 degrees clockwise is H (cao) **B1**

Answer: E) TSH

Question 24

selects option C: the code PGK means turn turned 0 degrees clockwise, fill mid-grey, count 1 (cao) **B1**

Answer: C) A large mid-grey flag (upright, the flag has its pole on the left, pennant pointing right from the top)

Question 25

selects option B: turn turned 180 degrees clockwise is N, size medium is G (cao) **B1**

Answer: B) NG

Question 26

selects option A: the code HST means fill mid-grey, size small, inner with an inner circle (cao) **B1**

Answer: A) A small mid-grey pentagon with one point facing up, with a small solid black circle centred inside it

Question 27

selects option D: kind pentagon is G, inner with no inner shape is K, size medium is R, fill mid-grey is T (cao) **B1**

Answer: D) GKRT

Question 28

selects option B: the code GL means kind arrow, size large (cao) **B1**

Answer: B) A large mid-grey arrow pointing up

Question 29

selects option E: size large is H, fill solid black is P, inner with an inner circle is Z (cao) **B1**

Answer: E) HPZ

Question 30

selects option C: the code MPT means kind arrow, size medium, turn turned 0 degrees clockwise (cao) **B1**

Answer: C) A medium solid black arrow pointing up

Question 31

selects option C: turn turned 180 degrees clockwise is T, kind crescent is D, fill unshaded (white) is B, count 1 is L (cao) **B1**

Answer: C) TDBL

Question 32

selects option A: turn turned 90 degrees clockwise is T, fill unshaded (white) is H, kind semicircle is K (cao) **B1**

Answer: A) THK

Question 33

selects option C: the code GPD means fill mid-grey, kind semicircle, count 2 (cao) **B1**

Answer: C) Two small mid-grey semicircles with their curved sides facing up side by side in a row

Question 34

selects option D: turn turned 180 degrees clockwise is V, kind crescent is P, count 1 is S, fill unshaded (white) is M (cao) **B1**

Answer: D) VPSM

Question 35

Correct option identified (B oe, cao) - combines the confirmed code for the 45-degree rotation (1) with the confirmed code for unshaded (W) **B1**

Answer: B

Question 36

selects option D: turn turned 270 degrees clockwise is Z, size small is B (cao) **B1**

Answer: D) ZB

Question 37

selects option C: the code MKTD means fill mid-grey, inner with an inner square, size large, kind circle (cao) **B1**

Answer: C) A large mid-grey circle, with a small solid black square centred inside it

Question 38

selects option E: size medium is P, turn turned 0 degrees clockwise is M, fill diagonally hatched is L (cao) **B1**

Answer: E) PML

Question 39

selects option A: count 3 is P, turn turned 90 degrees clockwise is N, fill unshaded (white) is G (cao) **B1**

Answer: A) PNG

Question 40

selects option C: size small is B, kind heart is L, turn turned 90 degrees clockwise is M, fill unshaded (white) is N (cao) **B1**

Answer: C) BLMN

Question 41

selects option B: size large is G, kind circle is L, fill cross-hatched is Z (cao) **B1**

Answer: B) GLZ

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