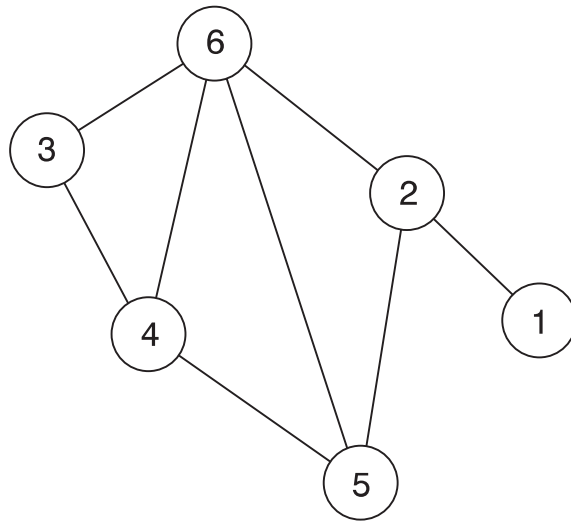


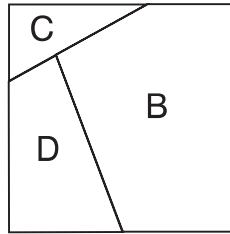
8



9. c, 17.25
10. Switch B is faulty.
11. 86213579: arrange the even digits in descending order followed by the odd digits in ascending order.
12. dry, set: paint dries, concrete sets.
13. A: the square increases in size and goes in the middle, the circle increases in size and goes at the bottom and the rectangle rotates 90° and goes at the top.
14. 16 and 18 need to be exchanged. The top sequence progresses +21, +24, +27, +30. The bottom sequence progresses +20, +24, +28, +32.
15. e, legally: Although he did not enter the bank, he drove the getaway car, which **legally** makes him an accessory before the fact.

16. D
17. corporal, physical
18. Milly £620 Tilly £220
 Milly $620 - 60 = 560$ Milly $620 + 10 = 630$
 Tilly $220 + 60 = 280$ Tilly $220 - 10 = 210$
19. B and C
20. 6: the sequence progresses $-0, -1, -2$ repeated.
21. Synonyms: proscribe, boycott
 Antonym: sanction
22. a, 2132
23. simple: the rest have alternate consonant/vowel arrangement.
24. 1: multiply the bottom two numbers then take the square root, ie $1 \times 4 = 4$ and $\sqrt{4} = 2$.
25. C
26. Gordon 64 and Tony 48: when Gordon was 48, Tony was 32 (ie half the age Gordon is now).
27. cabbage, broccoli, beans
28. implement
29. IX VII IV III XI

30. C D B



Assessment

Scores between:	Rating
27–30	Very highly exceptional
24–26	High expert
21–23	Expert
19–20	Very high average
17–18	High average
13–16	Middle average
10–12	Low average
6–9	Borderline low
3–5	Low
0–2	Very low

Answers to IQ Test Four

1. opinion, viewpoint
2. b. $698 : 62. (6 \times 9) + 8 = 62.$
3. D
4. restrain: here/rely, host/star, aura/rank, coin/inch
5. a
6. b
7.

$\frac{13}{28}$ Change fractions to the lowest common denominator:

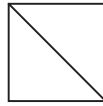
$\frac{12}{28} \quad \frac{13}{28} \quad \frac{10}{28}$
8. frantic, heedless
9. B: in lines across the dot moves one corner clockwise and alternates black/white. In columns down the dot moves one corner anti-clockwise and alternates black/white.
10. Synonyms: weaken, debilitate
Antonym: invigorate
11. d

12. *Popular* in the Middle Ages, a Bestiary is a type of book that purports to describe all the animals in creation, real or *imaginary*, and the *human* traits they exemplify.

13. 10 lb: $50/5 = 10$.

14. sealed

15.



Looking across, lines move 45° clockwise. Looking down, lines move 45° anti-clockwise.

16. 15 and 23 should be exchanged. Both sequences progress $\times 2 + 1$.

17. F

18. 47 minutes. 12 noon less 47 minutes = 11.13. 11.13 less 1 hour 39 minutes = 9.34. 8 am plus 94 minutes (47×2) = 9.34.

19. rich

20. E: the black dot is moving one corner clockwise at each stage and the white dot is moving one corner anti-clockwise at each stage.

21. Synonyms: tractable, willing
Antonym: obstinate

22. 10: each diagonal line of numbers, starting with the top left-hand corner number, increases by 1 each time, ie:

4

$$2 + 3 = 5$$

$$2 + 1 + 3 = 6$$

$$2 + 1 + 2 + 2 = 7$$

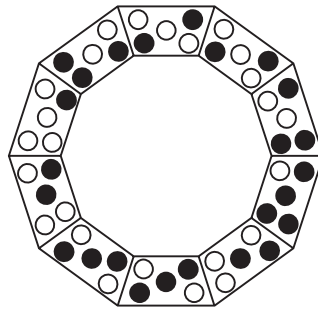
$$4 + 1 + 3 = 8$$

$$5 + 4 = 9$$

10

23. casino: all the other words form a sequence where each word commences with the middle two letters of the previous word.

24.



Opposite segments have the same arrangement of dots, but with black/white reversal.

25. B: all the even numbers are divided by 2 and all the odd numbers are multiplied by 2.

26. d, prospective: The shop is a delight to **prospective** travellers as it is prepared to outfit anyone for anything, from a walk in the country to an African safari or an Arctic expedition.

27. Switch C is faulty.

28. 42: the sequence progresses +6, +12, +18, +24, +30.

29. gather, protect

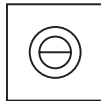
30. B: all black dots change to a horizontal line, all white dots are unaffected.

Assessment

Scores between:	Rating
27–30	Very highly exceptional
24–26	High expert
21–23	Expert
19–20	Very high average
17–18	High average
13–16	Middle average
10–12	Low average
6–9	Borderline low
3–5	Low
0–2	Very low

Answers to IQ Test Five

1. B: a contains the same symbols as D in reverse and C contains the same symbols as E in reverse.
2. 15: $(6 \times 10) \div 4$.
3. Switch D is faulty.
4. -1 and -2 : the sequence progresses $+1, -2, +3, -4, +5, -6$.
5. whimsical, eerie
6. Synonyms: console, assuage
Antonym: torment
7. 14.5 and 13.5 should be interchanged. The top sequence progresses $+3, +3.5, +4, +4.5, +5$. The bottom sequence progresses $+5, +4.5, +4, +3.5$.
8. irritation
- 9.



Looking across and down, all lines and symbols from the first two tiles are carried forward to the third tile, except when the same line or symbol appears in both the first two tiles, in which case they are cancelled out.

10. 137: add the three surrounding numbers in the position as in the examples below:

$$\begin{array}{cccccc}
 1 & 2 & 6 & 12 & 28 & 58 \\
 3 & 6 & 10 & 28 & 51 & 137 \\
 1 + 2 + 3 = 6 & 6 + 12 + 10 = 28 & 28 + 58 + 51 = 137
 \end{array}$$

11. IFCLEA = facile

12. c

13. virtuous, nefarious

14. D: the first three circles change places with the last three circles.

15. If customers like the goods, the *trademark* enables them to *know* what to look for in the *future*; if they *dislike* the *product*, they will avoid goods with that trademark.

16.

5	×	2	-	6	=	4
+	■	+	■	×	■	+
2	×	8	÷	4	=	4
-	■	÷	■	÷	■	÷
3	+	5	-	6	=	2
=	■	=	■	=	■	=
4	×	2	-	4	=	4

17. anodyne: it is weak, the rest are powerful.

18. B: in each line both across and down, one of the three rings is black.

19. 11
 3 numbers $29 \times 3 = 87$ total
 2 numbers $38 \times 2 = 76$ total
 The third number must therefore be $87 - 76 = 11$.
20. c, harmful: A relatively thin envelope, the atmosphere consists of layers of gases that support life and provide protection from **harmful** radiation.
21. B
22. Public companies can sell their shares to the general public, whereas private companies cannot sell shares to, or raise money from, the general public.
23. B: the top numbers move to the same bottom positions as in the first set.
24. goose, crow
25. B: the third line is the first line in reverse, and the fourth line is the second line in reverse.
26. 4254: the centre number in each row is the product of the digits on the left, followed by the product of the digits on the right, ie $7 \times 2 \times 3 = 42$ and $6 \times 3 \times 3 = 54$.
27. HIRX: the first three letters move four places forward in the alphabet, while the fourth letter moves forward five places.
28. b

29. Synonyms: brackish, undrinkable

Antonym: unpolluted

30. E: the second five symbols are a mirror image of the first five symbols.

Assessment

Scores between:	Rating
27–30	Very highly exceptional
24–26	High expert
21–23	Expert
19–20	Very high average
17–18	High average
13–16	Middle average
10–12	Low average
6–9	Borderline low
3–5	Low
0–2	Very low

Answers to IQ Test Six

1. F

2. 16 cm

$$65 \text{ cm}^2 = 4225$$

$$\text{less } 63 \text{ cm}^2 = \frac{3969}{256}$$

$$\sqrt{256} = 16 \text{ (Pythagoras)}$$

3. 453: in each pyramid divide the top number by 2, the bottom left number by 3 and the bottom right number by 4, to produce the three digits in the middle.
4. B: the top left symbol moves to bottom left, the top right symbol moves to bottom right, the bottom left symbol moves to top right and the bottom right symbol moves to top left.
5. Harry 32, Larry 56, Carrie 63.
6. Like the *rhythms* which occur in *nature*, such as the *motion* of the planets, the succession of *seasons*, and the beating of the *heart*, musical rhythm is usually organized in regular recurring *patterns*.
7. 2918: add the first four numbers, ie $7 + 9 + 5 + 8 = 29$; followed by the last three numbers, ie $2 + 7 + 9 = 18$.
8. 6: the number formed by the top three digits when added to the number formed by the bottom three digits equals the number formed by the middle three digits.

9. gallery: it is the part of the theatre for the audience. The rest are stages or part of the stage for the performers.

10. C: the rest are the same figure rotated.

11. 7 2 3

4 6 8

2 1 5

Subtract 1 from each figure. The first column then becomes the top line, the second column becomes the middle line and the third column becomes the bottom line.

12. Synonyms: gracious, charitable

Antonym: impolite

13. b, 120 ($5 \times 4 \times 3 \times 2 \times 1$).

14. access, egress

15. D: B is the same as C and A is the same as E.

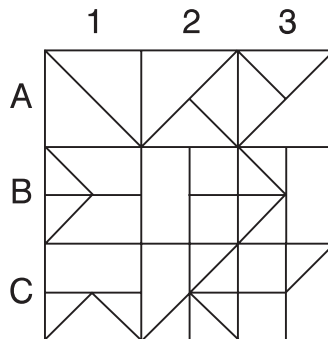
16. e

17. 180 and 120 should be interchanged. The top sequence progresses $\times 2, \times 3, \times 2, \times 3, \times 2$. The bottom sequence progresses $\times 3, \times 2, \times 3, \times 2, \times 3$.

18. farcical, risible

19. real madam = marmalade. The fruits are apricot (rip coat), avocado (ova coda), blueberry (burly beer), pineapple (pipe panel), watermelon (alert women) and grapefruit (part figure).

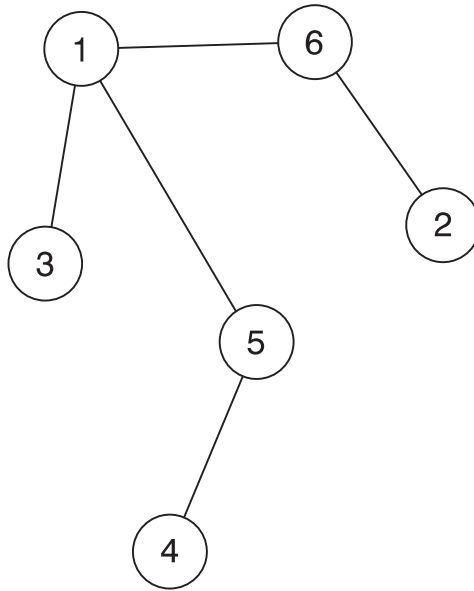
20. 24: $\frac{1}{4}$ or 4 out of 16 took sugar only. $\frac{5}{8}$ or 10 out of 16 took milk and sugar. 1 out of 16 took milk only. The remainder, ie 1 out of 16 took it black. $384 \div 16 = 24$.
21. b, whorls: The stiff, intricate branches form **whorls** around the trunk and are covered with overlapping, scale-shaped leaves.
22. 63: the sequence progresses +14, +15, +16, +17.
23. Synonyms: variable, flexible
Antonym: firm
- 24.



Tile 3C is incorrect and should be replaced by tile C.

25. RHYTHM: the penultimate letter of each word is in the alphabetic sequence A B C D E F G H.

26.

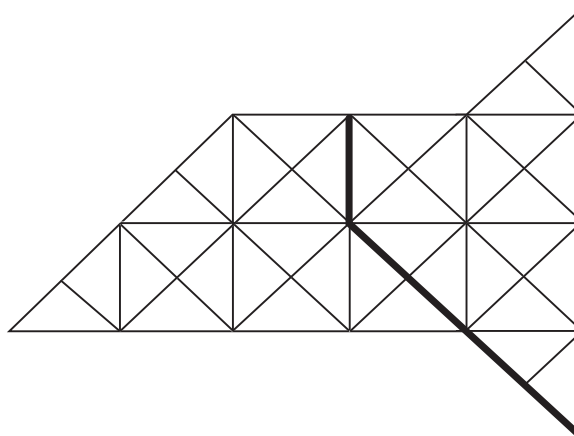


27. oxymoron, tautology

28. C: from top to bottom all the symbols move on one place (the end symbol moves to the front).

29. Switch A is faulty.

30.



Assessment

Scores between:	Rating
27–30	Very highly exceptional
24–26	High expert
21–23	Expert
19–20	Very high average
17–18	High average
13–16	Middle average
10–12	Low average
6–9	Borderline low
3–5	Low
0–2	Very low

Answers to IQ Test Seven

1. 1:

$$\frac{30}{45} = \frac{6}{9} \times 144 = 96$$

$$\frac{19}{57} = \frac{1}{3} \times 96 = 32$$

$$12.5\% \times 32 = 4$$

$$\frac{1}{4} \times 4 = 1$$

2. copper, argon, radium

3. 35%. First stall 16 out of 64 = 25%. Second stall 36 out of 60 = 60%. Difference in percentages = 35%.

4. Synonyms: contrary, recalcitrant
Antonym: compliant

5. b

6. D

7. B

8. e, literary: Her novels reflect her background, highly allusive and **literary** in style, they draw their characters from academic and artistic works.

9. 0.6875

$$\frac{6}{16} + \frac{5}{16} = \frac{11}{16} = 0.6875$$

10. Synonyms: miscellaneous, assorted

Antonym: uniform

11. 97.4: the sequence progresses $-0.2, -0.6, -1.8, -5.4, -16.2$ (ie multiplying the difference by 3 each time).

12. D: in each line take the difference between the numbers of black and white dots respectively to arrive at the number and colour of dots in the final square.

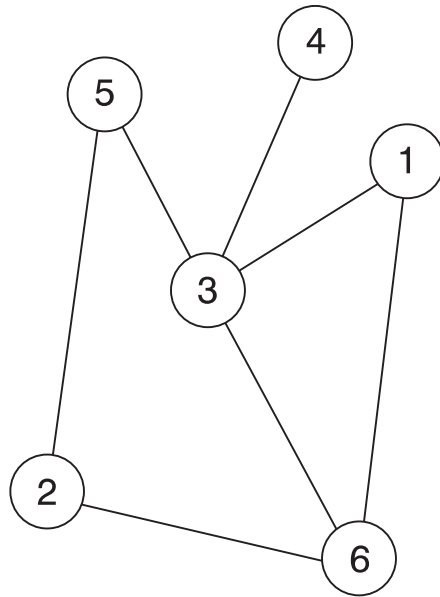
13. artichoke

14. realigns: the remaining words are all anagrams.

15. 37: the rule is to replace $+ -$ with $-$. Thus $56 - 19 = 37$.

16. seditious, mutinous

17.



18. A: looking down, the number of lines increases by 1 each time. Looking across, the number of lines also increases by 1, but the lines alternate horizontally and vertically.

19. d

20. wealthy, priesthood

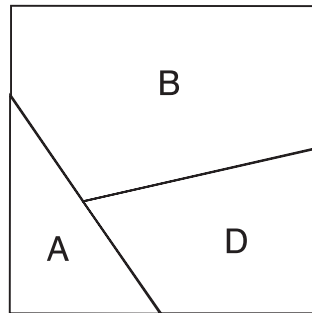
21. C

22. neo-, palaeo-

23. 62 and 59 should be interchanged. The top sequence progresses +17, +18, +19, +20. The bottom sequence progresses +18, +16, +14, +12.

24. A and E

25. Peacekeeping has always been conducted with the *consent* of the disputants, who at the very least agree to *attempt* to settle their *differences* and not endanger the *safety* of the peacekeeping forces.
26. 27: in the first row divide every number by 7 to obtain the digits in the brackets; in the second row divide by 8, and in the third row divide by 9.
27. concave
28. 4: looking across each line, add the first two numbers, then add 1 to the total to obtain the third number, ie $(2 + 3) + 1 = 6$.
29. Switch A is faulty.
30. A B D



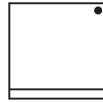
Assessment

Scores between:	Rating
27–30	Very highly exceptional
24–26	High expert
21–23	Expert
19–20	Very high average
17–18	High average
13–16	Middle average
10–12	Low average
6–9	Borderline low
3–5	Low
0–2	Very low

Answers to IQ Test Eight

1. f, generally: The metal is **generally** in the form of a bar, either straight, or bent into the shape of a horseshoe.
2. 55° : as the two right-hand triangles are identical, angle Y is 35° . Angle W is therefore $180 - (90 + 35) = 55$ as angle Z is 90° (a right angle) and the three angles in a triangle always total 180° . As angles W and X are identical, the answer is therefore 55° .
3. hypotenuse, diameter
4. C: add 3 to the first, third and fifth numbers. Add 4 to the second, fourth and sixth numbers.
5. E: the cross in the middle is extracted and the figures originally contained in the rectangle attach themselves to the end of the nearest arm of the cross anti-clockwise.
6. A partnership is a business association of two or more people who have formally agreed to work together, each contributing skills, labour and resources to the venture in return for a pre-arranged share of the profits.
7. 8: in each row multiply the first and third digits to obtain the number formed by the second and fourth digits.
8. Synonyms: wearisome, tiresome
Antonym: exhilarating
9. e

10.



Looking both across and down, the contents of the first two tiles are merged to produce the contents of the third tile.

11. Switch D is faulty.

12. c. 8278 : 1510 : 25

$$8 + 7 = 15; 2 + 8 = 10 \quad 1510$$

$$1 + 1 = 2; 5 + 0 = 5 \quad 25$$

13. D: the others are in the same order, albeit starting at a different symbol.

14. pithy, garrulous

15. d

16. avoid

17. D

18. Instead of actively *transmitting* radio signals, some of the first communication *satellites* had no radio *equipment* aboard and were designed to operate in a *passive* mode.

19. A: B is the same as G; C is the same as E; D is the same as F.

20. ordinate, rationed

21. 70: the sequence progresses $-18, -17, -18, -17$.

22. institute: it means to found. The rest mean to recall or annul.

23. a

24. C: the black symbols have a horizontal line added. The white symbols change to black.

25. ABDGKP: ABcDefGhijKlmnoP.

26. 24 cm and 32 cm (Pythagoras).

$$40 \text{ cm}^2 = 1600 \quad \begin{array}{r} 24^2 = 576 \\ 32^2 = \underline{1024} \\ 1600 \end{array}$$

27. hand, heart

28. Synonyms: engaging, arresting

Antonym: unremarkable

29. 45 and 47 should be interchanged. The top sequence progresses $-20, -21, -22, -23, -24$. The bottom sequence progresses $-21, -22, -23, -24, -25$.

30.

	1	2	3
A			
B			
C			

Tile 2C is incorrect and should be replaced by tile E.

Assessment

Scores between:	Rating
27–30	Very highly exceptional
24–26	High expert
21–23	Expert
19–20	Very high average
17–18	High average
13–16	Middle average
10–12	Low average
6–9	Borderline low
3–5	Low
0–2	Very low

Answers to IQ Test Nine

1. b.
2. 3 in 4. The possible combinations of drawing the balls are:
odd – odd
odd – even
even – odd
even – even

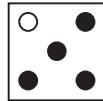
There is only one of these combinations where an odd numbered ball is not drawn out. The chance of drawing at least one odd-numbered ball is therefore three in four.

3. unreserved
4. D: reverse the top row of numbers and add 1 to each number.
5. D: in each row across, the second square is a combination of all the lines and symbols in the other three squares.
6. D: start at the bottom left-hand corner square, then work up the first column, and back down the second etc, repeating the letters BNDKLFAGR.
7. dollar: it can be prefixed with bottom (bottom dollar). The rest can be prefixed with top (top secret, top hat, top coat, top notch).
8. 125 lb: reverse the calculations; so $48.75 \div 0.75 = 65$, $65 \div 0.8 = 81.25$ and $81.25 \div 0.65 = 125$.
9. C

10. Synonyms: unlucky, hapless

Antonym: blessed

11.



Looking across and down, the contents of the third tile are determined by the contents of the first two tiles. Only when the same coloured circle appears in the same position in these two tiles is it carried forward to the third tile; however, two black circles change to a white circle and vice versa.

12. The *immature* flower bud *blooms* and develops into an oval fruit that *splits* open at maturity, revealing a mass of *long* white hairs that cover the numerous seeds.

13. B: the others are all in the same order albeit starting at a different position.

14. dell, canyon

15. 60 minutes. Total time for 8 players = $8 \times 90 = 720$ minutes. However, as 12 people ($8 + 4$) are on the pitch an equal length of time, they are each on the pitch for 60 minutes ($720 \div 12$).

16.

4	+	5	÷	3	=	3
×	■	-	■	×	■	+
6	-	4	×	2	=	4
÷	■	×	■	-	■	-
8	-	3	+	1	=	6
=	■	=	■	=	■	=
3	+	3	-	5	=	1

17. Synonyms: aromatic, redolent
Antonym: acrid
18. B
19. Switch A is faulty.
20. a
21. B
22. E: all the others have four twigs on the left-side branch and three twigs on the right side. Option E is the other way round.
23. c, high: He worried that his business would inevitably suffer if nothing was done to relieve the burden of **high** interest rates.
24. 480: add $1 + 5 + 3 = 9$. $864 \div 9 = 96$, $96 \times 5 = 480$.
25. cheerful
26. 70 and 76 should be interchanged. The top sequence progresses $-4, -8, -16$. The bottom sequence progresses $-6, -9, -12$.
27. D: each pair of symbols has been swapped round.
28. rear, vanguard
29. leaf, tuber
30. 41: the sequence progresses $+1, +2, +4, +8, +16, +32$.

Assessment

Scores between:	Rating
27–30	Very highly exceptional
24–26	High expert
21–23	Expert
19–20	Very high average
17–18	High average
13–16	Middle average
10–12	Low average
6–9	Borderline low
3–5	Low
0–2	Very low

Answers to IQ Test Ten

1. Top row 49, middle row 7 and bottom row 56. All numbers are increasing multiples of the middle number and are in the same position in each grid, for example in the bottom left-hand corner $6 \times 3 = 18$ and $6 \times 7 = 42$.
2. equable
3. Synonyms: flagrant, blatant
Antonym: subtle
4. 148: the sequence progresses $\times 3 + 1$ at each stage.
5. 1 foot: sapling = 1 foot, fence = 4 feet.
6. C: add the contents of the first two boxes to obtain the contents of the third box, except when two lines or symbols appear in the same position in the first two boxes, in which case they are cancelled out.
7. around, right
8. 60 and 55 should be interchanged. The top sequence progresses +7, +14, +21, +28. The bottom sequence progresses +8, +16, +24, +32.
9. The *old* city battlements, recently converted into promenades, command a *magnificent* view of the *surrounding* alpine scenery.
10. E

11. Synonyms: pseudo, spurious

Antonym: authentic

12. 26 cm: $10^2 + 24^2 = 100 + 576 = 676$. $\sqrt{676} = 26$ (Pythagoras).

13. B

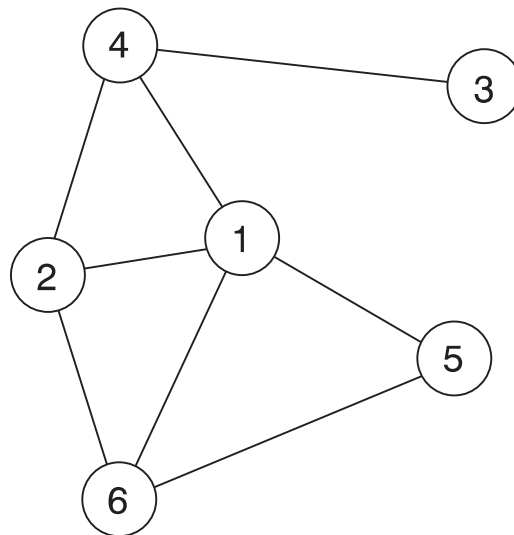
14. Switch D is faulty.

15. C

16. 11 punnets each containing 23 strawberries. 253 is the product of two prime numbers 11 and 23.

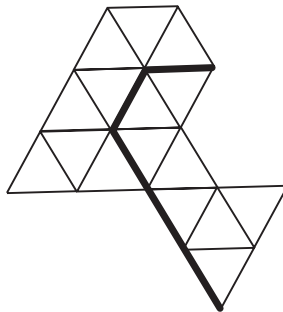
17. incidental: it is unimportant. The rest are important.

18.



19. SKELETAL: each word commences with the middle two letters of the previous word in reverse.

20. D: only when a certain coloured dot appears in the same position once in the first three circles is it carried forward to the final circle.
21. THE LANDS = Shetland. The fish are sturgeon (so urgent), haddock (odd hack), sardine (sandier) catfish (fit cash) and flounder (unfolder).
22. c
23. idiomatic, vernacular
24. The rule is replace + - with -. $-12 -15 = -27$.
25. G
26. A and E
27. d, briskly: Melt a teaspoonful of butter in the pan, add the cake mixture, and stir **briskly** over a medium heat.
28. trumpet, flute
29. 28917: arrange each set of numbers so that a square number is followed by its square root, for example 32418 ($\sqrt{324} = 18$).
- 30.



Assessment

Scores between:	Rating
27–30	Very highly exceptional
24–26	High expert
21–23	Expert
19–20	Very high average
17–18	High average
13–16	Middle average
10–12	Low average
6–9	Borderline low
3–5	Low
0–2	Very low

Answers to IQ Test Eleven

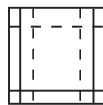
1. exalted
2. D: the others all contain the same 12 symbols, D contains the same symbol twice.
3. 20 buses: 665 people sit on the first 19 buses and the remainder (24) travel on the last bus.
4. ARHCLO = choral
5. b
6. C: A is the same as D with black/white reversal and similarly B is the same as E.
7. Synonyms: vague, abstruse
Antonym: manifest
8. Switch C is faulty.
9. A: looking across letters progress $-1, -2, -3$ in the alphabet. Looking down they progress $-3, -2, -1$.
10. 6473
11. *Deselect this option* if you do not want to use the user name *given* here as an *e-mail* name.
12. 30: the sequence progresses $-7, -14, -21, -28$.
13. jackal: it is a dog, the rest are cats.

14. A: the bottom six-digit number is double the top six-digit number.
15. B: each row of three tiles across and down contains a white dot, striped dot and black dot, and a line in each of three positions.
16. C, predecessor: By adopting a more consensual leadership style than his predecessor, he sought to restore party unity on integration with Europe and other issues.

17.

2	×	8	-	7	=	9
+	■	+	■	-	■	-
5	-	3	×	4	=	8
-	■	-	■	×	■	×
6	-	5	+	1	=	2
=	■	=	■	=	■	=
1	×	6	÷	3	=	2

18.



Lines (both broken and unbroken) continue into adjoining tiles across and down.

19. Synonyms: abrupt, offhand

Antonym: attentive

20. 20.7 cm: $(17.55 \div 3.9) \times 4.6$.

21. pressure, force
22. 22 and 26 should be interchanged. In both sequences, add the last digit each time to obtain the next number.
23. E: each group of four circles is reversed.
24. oblique, transverse
25. D
26. D
27. 71: combined age in 15 years = 107. $4 \times 15 = 60$, therefore combined age now is $107 - 60 = 47$. In 6 years' time, therefore, combined age will be $47 + 24 (4 \times 6) = 71$.
28. ethical
29. A
30. B: looking across, add a horizontal line to the right-hand pair of symbols. Looking down, add a vertical line to the bottom pair of symbols.

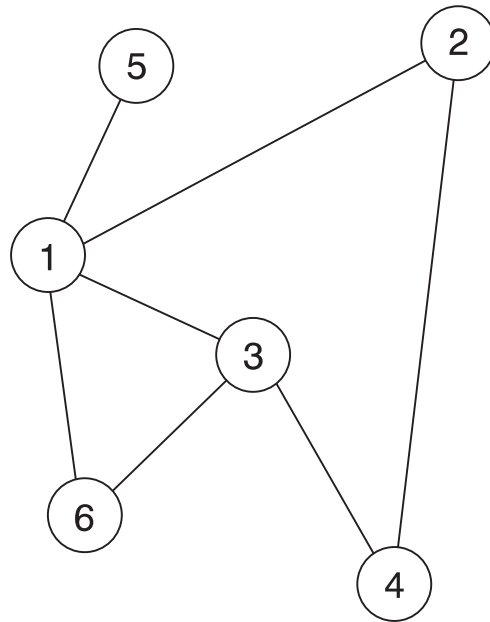
Assessment

Scores between:	Rating
27–30	Very highly exceptional
24–26	High expert
21–23	Expert
19–20	Very high average
17–18	High average
13–16	Middle average
10–12	Low average
6–9	Borderline low
3–5	Low
0–2	Very low

Answers to IQ Test Twelve

1. -17 : the rule is replace $- +$ with $-$. $-4 -13 = -17$.
2. speed, increase
3. E
4. C and D
5. confident
6. D: lines are carried forward from the first two squares to the third square, except when two lines appear in the same position in the first two squares, in which case they are cancelled out.
7. 25, 29. There are two alternate sequences: start at 10 and add 3, 5, 7; start at 50 and deduct 5, 7, 9.
8. D
9. Switch C is faulty.
10. 29: $(31 + 2) - 29 = 4$.
11. D. economic: Cuttlefish have some **economic** importance, not only for their flesh, which is eaten in many countries, but also for the bone of their shell and for the ink they eject to cloud the water as protection from their enemies.
12. parameter, criterion

13.



14. D: Each line, both across and down, contains one of the four different symbols.

15. Synonyms: blithe, buoyant

Antonym: morose

16. D

17. Synonyms: inanimate, inert

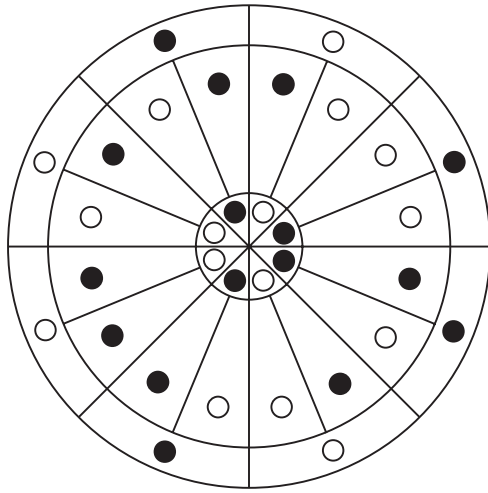
Antonym: active

18. 15 and 11: $1 + 2 + 3 + 4 = 10$, then insert next two numbers 11, 12 and add digits $1 + 1 + 1 + 2 = 5$. Insert next two numbers 6, 7 and add digits $6 + 7 = 13$. Insert next two numbers 14, 15 and add digits $1 + 4 + 1 + 5 = 11$.

19. hem: combine the first four words with the second four words, to produce mayhem, ridden, barrow, sealed.

20. 4600: $(552 \div 12) \times 100$.
21. The *common* peafowl has been *domesticated* in many parts of the *world* but there are *feral* populations in some *Pacific* islands.
22. B
23. Danube, Euphrates, Volga
24. torpid: it means sluggish or lacking energy. The rest mean careless or slack.
25. 6.75 and 7.5 should be interchanged. The top sequence progresses + 2.25 at each stage. The bottom sequence progresses + 2.75 at each stage
26. C: Working clockwise the dots swap places two at a time, starting with the black circle and the circle with the dot.
27. C: looking across, lines progress +2, -3, +2. Looking down, columns progress +3, -2, +3.
28. circle, column: a pie chart consists of a circle and a bar chart consists of columns.
29. 18: in each column add the first two numbers, then divide the sum by 3 to obtain the bottom number, ie $(4 + 11) \div 3 = 5$.

30.



In the three rings of dots, a white dot is always opposite a black dot and vice versa.

Assessment

Scores between:	Rating
27–30	Very highly exceptional
24–26	High expert
21–23	Expert
19–20	Very high average
17–18	High average
13–16	Middle average
10–12	Low average
6–9	Borderline low
3–5	Low
0–2	Very low

Overall assessment for all twelve tests

320–360	Very highly exceptional
290–319	High expert
250–289	Expert
230–249	Very high average
200–229	High average
160–199	Middle average
120–159	Low average
70–119	Borderline low
30–69	Low
0–29	Very low

Analysis

In addition to the above general performance rating, it is recommended that you analyse your performance for each of the different types of questions, and in particular for verbal aptitude, numerical aptitude and spatial aptitude questions. An analysis of your performance in each of these categories will enable you to build and capitalise on your strengths, and work on improving performance in areas of weakness.

Verbal aptitude

Verbal intelligence is a measurement of your capacity to use language in order to express yourself, comprehend written text and understand other people. People who possess a high level of verbal skills often excel in fields such as writing (author, journalist, editor, critic), teaching (language, drama), legal profession (judge/barrister/lawyer), personnel work (advocate, human resources, counsellor) and as actors, psychologists, interpreters and interviewers.

Numerical aptitude

We all require some numerical skills in our lives, whether it is to calculate our weekly shopping bill or to budget how to use our monthly income. Mathematical intelligence tests generally explore your ability to reason and to perform basic arithmetic functions. Good mathematical ability is an excellent stepping stone to career success in jobs such as accounting or banking. People who possess a high level of numerical skills also often excel in jobs such as auditor, business consultant, financial analyst, mathematics or science teacher, quantity surveyor, tax adviser, company secretary, computer programmer or stockbroker.

Spatial aptitude

The ability being investigated in questions of spatial aptitude is how well a person is able to identify patterns and meaning from what might appear at first glance random or very complex information. This type of abstract reasoning does not involve problems that are verbal or numerical in nature. As spatial aptitude involves quite different thought processes from those that determine verbal or numerical aptitude, it is quite common for people who score very highly on numerical and verbal aptitude tests to score equally badly on spatial aptitude tests and vice versa.

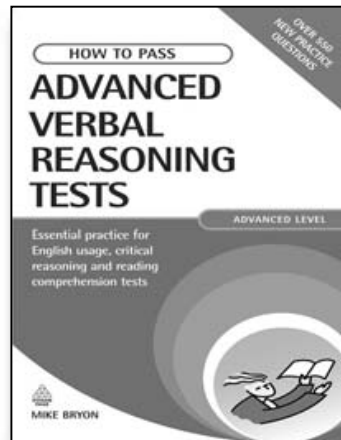
This is because the left side of the human brain is analytical and functions in a sequential and logical fashion, and is the side that controls language, academic studies and rationality. The right side of the brain is creative and intuitive and leads, for example, to the birth of ideas for works of art and music. It is the side of the brain that determines how well we are able to adapt to tests of spatial aptitude. As many people have some degree of brain bias, they thus perform better on tests that involve thought processes controlled by the stronger side of their brain.

People who scored badly on spatial aptitude questions, after performing well on verbal and numerical aptitude questions, should therefore have no great cause for concern. They have, however, the opportunity to practise and increase their performance on this type of spatial aptitude testing and to develop their right-brain thinking.

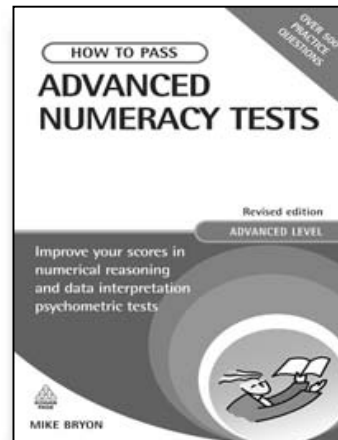
People who possess a high level of spatial aptitude often excel in fields such as architecture, photography, engineering design, decorating, and as artists, carpenters, landscape designers, cartoon animators, guides, fashion designers, shop fitters and civil engineers.

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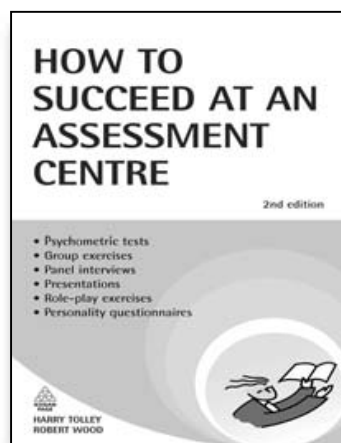
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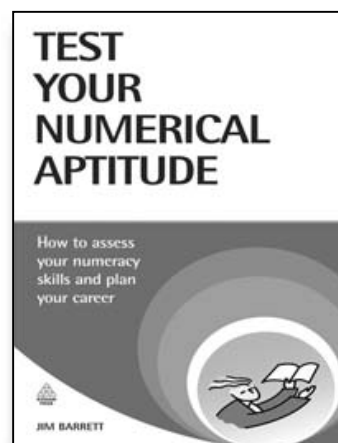
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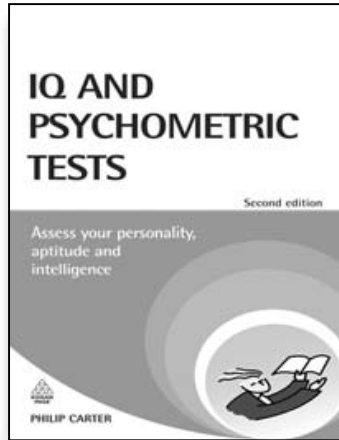
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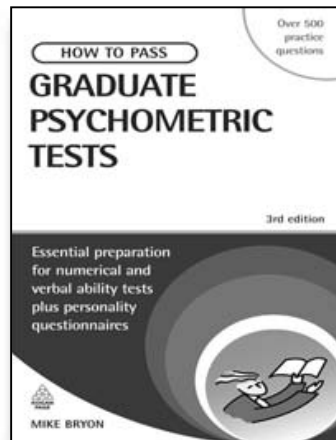
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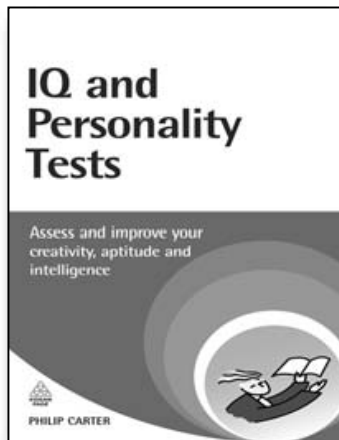
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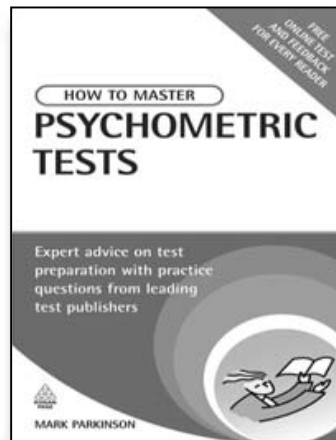
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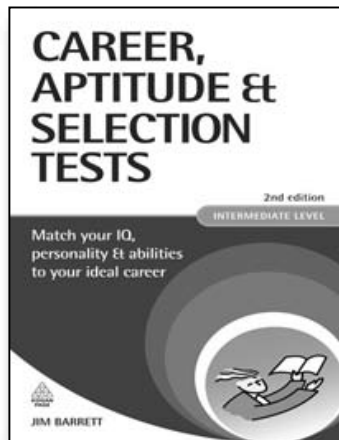
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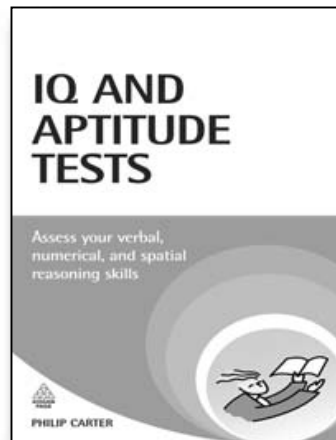
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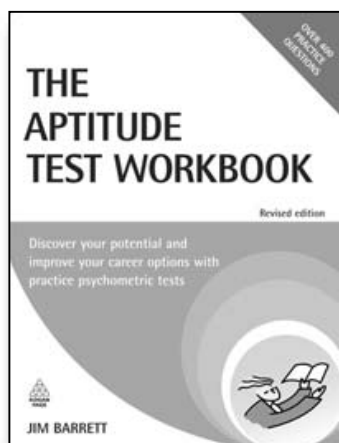
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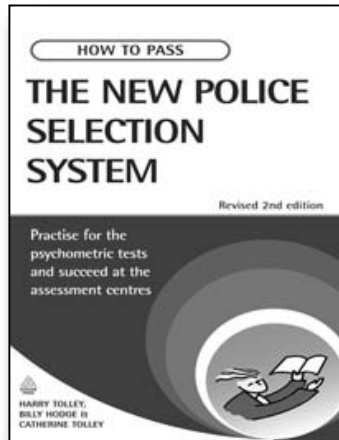
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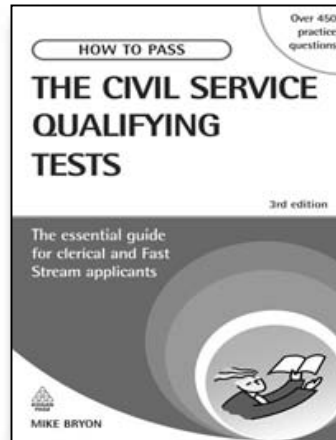
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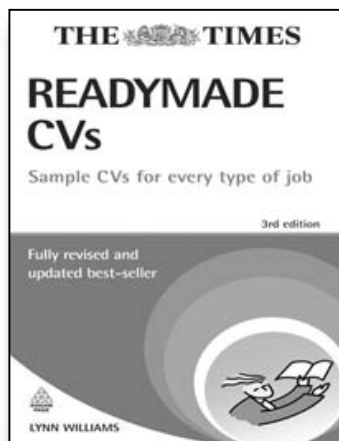
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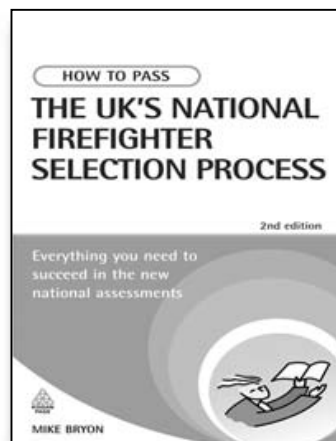
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