

Extended answers

for Mixed Assessment Practice Paper A

Synonyms p.7

1	Both words mean 'to get'.
2	Both words mean 'fully'.
3	Both words mean 'goal'.
4	Both words mean 'how much of something'.
5	Both words mean 'to argue'.
6	Both words mean 'not certain'.
7	Both words mean 'to go faster'.
8	Both words mean 'quickly'.
9	Both words mean 'to understand'.
10	Both words mean 'out of the ordinary'.
11	Both words mean 'far off'.
12	Both words mean 'nasty'.
13	Both words mean 'to make known'.
14	Both words mean 'to walk without any fixed direction'.
15	Both words mean 'sudden'.
16	Both words mean 'to think'.
17	Both words mean 'genuinely'.
18	Both words mean 'entry'.
19	Both words mean 'frightened'.
20	Both words mean 'disturbed'.
21	Both words mean 'to make bigger'.
22	Both words mean 'calm'.
23	Both words mean 'dozing'.
24	Both words mean 'not true'.
25	Both words mean 'a safe place'.
26	Both words mean 'to do something in a hurry'.

Comprehension p.12

1	Line 10 – 'caught stealing some clothing'
2	Line 39 – 'Mary Wade's journey from street-sweeper'
3	Line 12 – 'marched out of the Old Bailey'
4	Line 13 – 'Upon her arrival at Newgate Prison'
5	Line 17 – 'spread quickly among the inmates.'
6	Line 29 – 'a small, lush island'
7	Line 28 – 'Five women and two children had sadly perished'
8	Lines 35 and 36 – Mary died one week before Christmas Day in 1859'
9	Lines 30 and 31 – 'Brooker...had been found guilty of stealing'
10	Line 2 – 'looking for jobs that didn't exist'
11	Line 22 – 'setting sail for Cook's newly discovered Australia.'
12	Line 32 – 'Having served their seven years'
13	Lines 7 and 8 – 'When the prisons simply couldn't pack in any more inmates, criminals were sent to the hulks – disused, dirty warships...'
14	Line 20 – 'in celebration of his recovery from insanity'
15	Lines 17 and 18 – 'physicians refused to enter the buildings.'
16	Lines 24 and 25 – '50-day trip across the Atlantic'
17	Line 29 – '1000 miles east of Sydney.'
18	Line 27 'At last, on 3 June 1790, almost a year after she had left England'
19	Affluent means 'wealthy' or 'prosperous'.
20	Line 15 – 'stale bread and unclean water...' This would imply that the prisoners were just managing to survive.

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Pictures 1 p.19

1	There is only one row of cubes, therefore answer must be A.
2	If you remove the top cubes it is clear that the answer must be B.
3	There are 3 cubes on the left and 2 cubes going backwards in a different row.
4	There are 2 cubes in the foreground which rules out C, a gap in the 2nd row which rules out D, 2 cubes on the right rules out A.
5	There are 3 cubes in the foreground and 2 further cubes behind the first row, answer must be C.
6	The 2 cubes on the left of the picture joined to the cube in the middle of the picture make the answer D.
7	The 3 cubes on the left of the picture rule out all answers except A.
8	The 3 cubes on the left of the picture rule out A and C. The 2 cubes on the right rule out D.
9	There are 3 cubes in the row and 3 cubes on the right of the picture making the answer C.
10	The cube at the right side of the picture rules out A, B and C.
11	The 2 cubes on the right of the picture rule out every option except D.
12	The 2 cubes on the right of the picture rule out C and D. There are 2 cubes in the foreground of A, so the answer is B.
13	There are 2 spaces behind the 3 cubes in the left of the picture, therefore the answer is A.
14	The 3 cubes on the right of the picture rule out B. The cube on the right rules out A. The 4 cubes in a row rule out D. The answer is C.
15	The 3 cubes on the left of the picture rule out A and C. D can also be ruled out.
16	The cube in isolation to the bottom right of the picture rules out B and C. The answer is D.
17	The 3 cubes to the centre of the picture rules out A. B can be ruled out because there is no 2nd cube to the front of the picture. D can be ruled out because there is no 3rd cube to the right.
18	The single cube at the left of the picture rules out B, C cannot be the answer as there are too many spaces. A cannot be correct as there are 3 cubes instead of 2. The answer is D.
19	C and D can be ruled out because they do not have a cube between the cubes at the top of the picture. A cannot be the answer as there is no cube in the middle row. The answer is B.
20	Answer is C, because it is the only option with a missing cube next to the cubes on the right of the picture.
21	Answer is A, because it is the only option to have 3 cubes joined at the edge in the bottom of the picture.

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Maths 1 p.25

1	Half the water must weigh 450g, therefore $750\text{g} - 450\text{g} = 300\text{g}$
2	One third of 78 = 26, therefore Tom takes $78 - 26$ toys to the charity shop; $78 - 26 = 52$
3	One third of the book = 51 pages, therefore the whole book = $51 \times 3 = 153$
4	Tessa must arrive in Reading at 12:00 and leave at 12:15. Reading to Exeter takes 2 hours 25 minutes.
5	On the second day, $4212 - 336$ tins are sold (3876) therefore the total will be $(4212 + 3876) = 8088$
6	Each boy needs to have $\pounds 31.50 + \pounds 27.10$, divided by 2 which equals $\pounds 29.30$. Ryan gives Sam $\pounds 2.20$.
7	$11 \times 4 = 44$ plus $6 \times 2 = 12 = 56$
8	The difference in the bills is 1 tin of cat food and 75p which must be the cost of the cat food. Therefore $\pounds 2.70 - \pounds 1.50$ must = the cost of 2 tins of the dog food, 60p
9	There are 12 hours on an analogue clock and 360° divided by 6 equals 60°
10	One half plus one quarter = three quarters, therefore there is one quarter remaining $\frac{1}{4} = 25\%$
11	The difference in the price of each stamp is 9p, therefore the 2nd class stamps would be $9\text{p} \times 12$ cheaper
12	Archie has put on 800g, therefore he has gained 800g divided by 3200g which is 25%
13	$7 \times 56 = 392$, plus 48 for the ground floor equals a total of 440
14	If it takes fifteen minutes to travel 7 miles, Tony can travel 28 miles per hour (7×4)
15	Zara must have $\pounds 3.40$. ($6 \times 50\text{p} = \pounds 3.00 + 2 \times 20\text{p} = 40\text{p}$) therefore she will have $\pounds 3.40 - \pounds 2.99$ left
16	If the mean of three numbers is 9, they must add up to 27. If the mode is 6, there must be two 6s. 6, 6 & 15
17	$800\text{g} + 4200\text{g} + 600\text{g} + 375\text{g} + 5975\text{g}$ or 5.975kg
18	The car will use 4 litres every 25 miles. $225 \text{ miles} \div 25 = 9.4 \text{ litres} \times 9 = 36$
19	The recipe uses 100g of salmon per person, therefore Max will need $100\text{g} \times 6 = 600\text{g}$
20	Seven children must equal one third of the total, therefore the class must have 7×3 children
21	25% is equal to $\frac{1}{4}$, therefore $\frac{3}{4}$ did not require a prescription. $\frac{3}{4}$ of 52 equals 39

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Maths 2 p.31

1	One sixth of 54 equals 9, leaving Martha with 45. One fifth of 45 is 9, leaving Martha with 36
2	One third of 42 equals 14, leaving 28 on board. With the six new passengers, the total is 34
3	Use algebra. First class = x , business class = $2x$, first class = $4x$. $7x = 280$. $x = 40$
4	The difference in the bills is £24 and two shirts, therefore a shirt must cost £12 Four shirts can be bought for £50
5	1 large box + 3 boxes = 4 boxes. Plus 18 smaller boxes = 22
6	The fractions add up to $\frac{7}{8}$, therefore the remaining eighth would be correct. $\frac{1}{8}$ of 120 = 15
7	12 minutes \times 5 = 1 hour, therefore Freddie can read 5 \times 5 pages in 1 hour which equals 25 pages
8	Use algebra. Aisha's catch = $2x$, David's catch = x , therefore $3x = 24$. $x = 8$
9	$900 \div \text{by } 75 = 12$
10	Possible ages this year are 36, 45 or 54. Next year, 35, 40, 45, 50, 55. Must be 54 now
11	Sofie will need 8 tiles to cover the length of the floor and 6 tiles to cover the width. $8 \times 6 = 48$
12	Use algebra. $\text{£}3.52 \div 11 = 32$

Extended answers

for Mixed Assessment Practice Paper B

Antonyms p.45

1	found means 'discovered', therefore the antonym is 'misaid'
2	moan means 'to complain', therefore the antonym is 'rejoice'
3	dryness means 'a lack of moisture', therefore the antonym is 'moisture'
4	interesting means 'not boring or tedious', therefore the antonym is 'tedious'
5	loud means 'noisy', therefore the antonym is 'muffled' as it means 'quiet'
6	real means 'genuine', therefore the antonym is 'imaginary' as in 'just in your imagination'
7	orderly means 'tidy', therefore the antonym is 'untidy'
8	neglect means 'inattention', therefore the antonym is 'attention'
9	calm means 'still', therefore the antonym is 'fidgety'
10	annoyance means 'displeasure', therefore the antonym is 'pleasure'
11	something means 'an object or thing', therefore the antonym is 'nothing'
12	nutritious means 'healthy', therefore the antonym is 'unhealthy'
13	compulsory means 'not optional', therefore the antonym is 'optional'
14	clear means 'obvious', therefore the antonym is 'vague'
15	alert means 'observant', therefore the antonym is 'unobservant'
16	modern means 'up to date', therefore the antonym is 'dated'
17	quiet means 'hushed', therefore the antonym is 'rowdy'
18	assist means 'to help', therefore the antonym is 'obstruct'
19	onward means 'going forward', therefore the antonym is 'backward'
20	hide means 'to conceal', therefore the antonym is 'exhibit'
21	cause means 'the start of something', therefore the antonym is 'outcome'
22	end means 'the finish of something', therefore the antonym is 'outset'
23	reasonable means 'sensible', therefore the antonym is 'outrageous'
24	paid means 'a debt has been settled', therefore the antonym is 'owing'
25	satisfactory means 'acceptable', therefore the antonym is 'unacceptable'
26	pause means 'to stop', therefore the antonym is 'proceed'

Extended answers

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Maths 3 p.50

1	Size 2 = 5% of 60, which is 3
2	Size 3 is best found by multiplying the number of size 2s by 9, equalling 27
3	Size 3 is 27 as above. Size 5 will be size $2 \times 3 = 9$. $27 - 9 = 18$
4	Size 4 total will be size $2 \times 7 = 21$. One third of 21 equals 7
5	$255 + 194 = 449$
6	Between 11am and 1pm is $235 + 476 = 711$ - 294 from 3pm to 4pm = 417
7	One third of 393 equals 131
8	Total visitors between 12am and 2pm equals $476 + 520$ (996) Three quarters of 996 equals 747
9	$\pounds 1.70 \times 3 = \pounds 5.10$. Change would be $\pounds 10.00 - \pounds 5.10$ which is $\pounds 4.90$
10	8 slices of carrot cake ($\pounds 1.90 \times 8$) - 6 slices coconut cake ($\pounds 1.40 \times 6$) $\pounds 15.20 - \pounds 8.40 = \pounds 6.80$
11	12 slices of chocolate cake would cost $12 \times \pounds 1.80$ ($\pounds 21.60$) 50% of $\pounds 21.60 = \pounds 10.80$
12	$\pounds 1.65 + \pounds 1.90 + \pounds 1.70 + \pounds 1.40 + \pounds 1.80 = \pounds 8.45$
13	Train 2 is the quickest, taking 81 minutes
14	09:23 to 10:22 is 37 minutes + 22 minutes = 59 minutes
15	09:13 to 10:08 is 47 minutes + 8 minutes = 55 minutes
16	09:47 to 10:33 is 13 minutes + 33 minutes = 46 minutes
17	If there were 70 seats on the coach with one spare seat and 4 adults, there must have been 65
18	If the ratio of boys to girls was 2:3, there must have been 39 girls
19	If there were 39 girls, there must have been 26 boys. $26 - 7 = 19$
20	If there were 39 girls there must have been 13 who forgot to take a packed lunch

Pictures 2 p.56

1 & 2	Inside shape is inverted therefore answers are C & B
3 & 4	Middle shape moves from background to foreground and shading reversed on outer shapes therefore answers are A & F
5 & 6	Shapes remain the same except for outline, arrow rotates 90° anti-clockwise, D & E
7 & 8	Shape is duplicated, therefore answers are B & C
9 & 10	Number of lines equals number of sides in the shapes, therefore E & F
11 & 12	Shapes are flipped horizontally and changed from foreground to background, C & D
13 & 14	Outlines change from dotted to dashed, inner shapes shading transposed, F & A
15 & 16	Number of sides in the shapes lessens by 1, therefore E & D
17 & 18	Smaller, inverted shape is added, therefore C & A
19 & 20	Outer shape becomes smaller, inner shape reproduced $\times 4$, therefore B & D

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Cloze passage 1 p.61

Many talented young footballers dream of lifting the Premier League trophy as the captain of their favourite team. But it's something that few will ever experience. For most, it's an uphill road to the fame and riches that a career in professional football promises. A few make it to the top level; most don't.

Cloze passage 2 p.61

During the years of playing in school teams, local leagues and at local, district and county levels, talented youngsters hope to be spotted. A professional scout could be watching at any time. But scouts aren't just looking for the greatest goal-scorers. Scouts understand the pressures of a football career. Talent is important, but it's not enough to convince the scout of a player's potential.

Cloze passage 3 p.61

First, the scout finds a promising player. Next the scout recommends the player to a professional team's academy. But it's a highly competitive system with no guarantees. At each level, players refine their skills but the competition stiffens too, and most football academy students will never become professionals.

Shuffled sentences p.63

1	the walls were painted blue and white
2	Claire kept the windows open all day
3	the car swerved and hit a tree
4	Tony boiled the kettle for a drink
5	Matteo sewed a button on his shirt
6	heavy rain made the pitch very slippery
7	Dave was late due to the roadworks
8	Arjun forgot to turn the oven on
9	four vehicles were involved in an accident
10	Sarah was selected for the football team
11	the luxury cruise cost thousands of pounds
12	Rosie spilled some tea on the carpet
13	the clock stopped at ten past three
14	we gave our guests a warm welcome