Extended answers
for 15-Minute Practice Papers (ages 10–11)

Practice Paper 1

1	In line 2 'such errors…have affected the course and outcomes of many matches.'
2	In line 5 'In 2018, the Video Assistant Referee (VAR) system was inaugurated' and in paragraph 5 'Change came to the Wimbledon tennis championship in 2007 with the introduction of Hawk-Eye'. 2018 – 2007 = 11.
3	In lines 5 and 6 VAR was introduced 'at an FA Cup match between Brighton & Hove Albion and Crystal Palace' and 'football officials' could use it to review decisions.
4	In lines 7 and 8 football officials could 'reconsider and then overturn any incorrect decisions'. To 'overturn' a decision is to change the decision. The actual rules were not changed, just the rulings.
5	In line 13 'Spectators, justifiably so, were frustrated when bad calls were upheld.' 'Justifiably so' expresses agreement.
6	In line 17 'cameras angles to calculate the trajectory of the ball'. 'Size' would not be relevant to line calls and would not need calculating as the size does not change or affect the line calls. Also 'analysis' and 'image' do not relate to calculating angles. Calculating angles implies analysing movement of the ball, which is the only changing factor. Therefore 'pathway', which means the route of movement, makes sense in the context.
7	Lines 10 and 11 explain that technology may have replaced old problems with new ones, such as 'how long the reviews take and how reviews interrupt play'. By implication similar problems apply in tennis. In lines 18 and 19 'overuse could become a problem' suggests how issues occur if there is not enough control over something. Three of the answers are true, because they related to these factors, but nothing is said about power supply to the technology.
8	(7,9)
9	(1,3)
10	(5,7)
11	(7,3)
12	The word 'conflict' means 'disharmony', therefore the antonym is 'harmony'.
13	The word 'horrible' means 'disagreeable', therefore the antonym is 'agreeable'.
14	The word 'necessary' means 'not optional', therefore the antonym is 'optional'.
15	The word 'commence' means 'to start', therefore the antonym is 'conclude'.
16	The word 'acknowledge' means 'to take notice of something', therefore the antonym is 'ignore'.
17	The word 'change' means 'to alter or amend', therefore the antonym is 'preserve'.
18	The word 'familiar' means 'usual', therefore the antonym is 'strange'.
19	The word 'lethal' means 'harmful', therefore the antonym is 'harmless'.

20	The word 'subtle' means 'not obvious', therefore the antonym is 'obvious'.
21	'Aarti had skipped breakfast and lunch, and by late afternoon she was _famished_.'
22	'The whole class became _engrossed_ in the exciting story the teacher was telling.'
23	'The delayed plane finally made a belated departure just before midnight.'
24	'Joseph takes a water bottle to school every day in order to stay _hydrated_.'
25	'Young Mollie cannot drink milk as she is allergic to all _dairy_ products.'
26	'lots of household waste can be recycled'
27	'Sue does voluntary work for a charity'
28	'Elliot was determined to finish the race'
29	'the fairground ride made her feel dizzy'
30	'the wind was howling through the trees'

Practice Paper 2

1	'The fugu fish is considered a _delicacy_ in Japan and is always eaten raw and served in thin slices.'
2	'Diners love to boast about having eaten fugu and survived the experience because a single fugu contains…'
3	'To qualify as a licensed fugu chef, applicants must complete two full years of _rigorous_ training…'
4	'The chefs must learn how to prepare fugu, separating the highly poisonous _organs_ from those that are edible.'
5	'…at the end of the course and _typically_ only 20 per cent of applicants will pass.'
6	'The restaurant _swiftly_ became incredibly popular with the public…'
7	'…Mr Okawara, overheard a large group of Americans loudly _lamenting_ the lack of turkey on offer in Japan…'
8	'…he arranged for a special 'party barrel' of fried chicken to be _served_ at his restaurant to celebrate the holiday.'
9	'The idea was such a success that, nowadays, KFC has become the traditional _venue_ for the Japanese…'
10	'People have to book months in _advance_ for a table to avoid disappointment.'

11	All pictures have a smaller, inverted version of the larger shape, apart from C where the larger and smaller shapes are different.
12	Each picture contains one more grey circle outside the large circle than the black circles within the large circle.
13	Each picture contains two identical shapes, that are inverted, within a larger shape, except for B.
14	The arrows outside the large crosses are all pointing in the same direction, except for E.
15	If all the pictures are rotated, all the double-headed shapes face the same way, apart from in A, where it has been flipped horizontally.
16	The ratio 2:1 means there are three portions. £84÷ 3 = £28, so the larger amount is £28 × 2 = 56. Therefore the answer is B.
17	$\frac{1}{8}$ is equal to 0.125. Therefore the answer is C.
18	4005 is not divisible by 10 exactly because the number ends with a 5. Therefore the answer is E.
19	2.4km = 2400m. 2400m + 450m = 2850m. Therefore the answer is B.
20	The sides of the square measure 3cm, so the area is 3cm × 3cm = 9cm². Therefore the answer is D.
21	43% of 400 = 172. Therefore the answer is A.
22	58.084 rounded to 1 decimal place is 58.1. Therefore the answer is D.
23	The word 'affection' means 'a feeling of fondness for someone or something', therefore the correct answer is D.
24	The word 'debris' means 'the scattered remains of something', therefore the correct answer is H.
25	The word 'panorama' means 'a wide view of an area', therefore the correct answer is B.
26	The word 'remorse' means 'a feeling of regret about something that you have done', therefore the correct answer is F.
27	The word 'fluctuate' means 'to change all the time', therefore the correct answer is D.
28	The word 'reconcile' means 'to become friendly again after a fight or quarrel', therefore the correct answer is G.
29	The word 'hallucinate' means 'to see something in your mind which is not really there', therefore the correct answer is B.
30	The word 'liberate' means 'to set someone free', therefore the correct answer is I.

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Practice Paper 3

1	There are 54 passengers at the start of the journey. There is a net loss at Oxford (2), leaving 52 passengers. There is a net gain at High Wycombe (4), so there is a total of 56 passengers when the coach arrives in London.
2	240 seats must equal 80%, therefore 10% = 30. 100% must therefore equal 300. 300 − 240 = 60.
3	Use algebra $x + 3x = 40$. $x = 10$. Therefore Grace must have $10 \times 3 = 30$.
4	30 people is 25% or one-quarter of 120 people. Therefore the angle should be one-quarter of 360° = 90°.
5	Patsy has read 18 pages × 3 (54 pages). If she has 32 pages left to read, her book must contain 86 pages.
6	32 children + 16 parents = 48. 48 + 2 teachers = 50 people.
7	72 ÷ 4 gives the number of hot chocolates sold (18). 72 − 18 = 54.
8	$\frac{1}{6}$ of 48 = 8, $\frac{1}{4}$ of 48 = 12, $\frac{1}{3}$ of 48 = 16. 8 + 12 + 16 = 36, therefore the other breeds = 12.
9	The word 'capable' has the same meaning as 'competent'.
10	The word 'hole' has the same meaning as 'cavity'.
11	The word 'behaviour' has the same meaning as 'conduct'.
12	The word 'changeable' has the same meaning as 'variable'.
13	The word 'colossal' has the same meaning as 'immense'.
14	The word 'famous' means 'well known', therefore the word that is most similar is 'eminent'.
15	The word 'lucky' has the same meaning as 'fortunate'.
16	The word 'ghastly' has the same meaning as 'gruesome'.
17	A 'view' from a window could be described as 'picturesque'.
18	You would most likely take some 'luggage' on your 'holiday'.
19	A 'door' could be described as being 'ajar'; not quite closed.
20	'Fish' have 'scales' on their bodies.
21	'Exercise' could be described as being 'strenuous' or hard work.
22	A criminal 'trial' will take place in a 'court'.

23	A 'cousin' is a blood 'relative'.
24	If something is 'audible', it can be heard, so the word 'ears' would be the best option.
25	'Nestling to the east of the Arabian Sea, Kerala is an <u>exotic</u> mix of coconut groves…'
26	'…wide beaches and a <u>labyrinth</u> of rivers.'
27	'…the towering Western Ghats providing a protective <u>barrier</u> against the dry winds from Northern India.'
28	'There are two monsoon seasons <u>annually</u>, from June to September and October to November.'
29	'The state's <u>humid</u> climate…'
30	'…and <u>fertile</u> soil provide the ideal conditions for producing spices…'

Practice Paper 4

1	Line 6 states 'Birdseye embarked on a five-year fur-trading expedition to the Canadian peninsula of Labrador'.
2	Line 1 states 'Clarence Birdseye was the sixth of nine children'. Therefore he must have had three younger siblings.
3	Line 1 states that Birdseye was born in 1886. In lines 3 & 4 it states that 'by 1910, Birdseye could no longer afford his tuition fees so he dropped out and took a job'. Therefore he must have been 24 years old.
4	Line 5 states 'The pay was meagre and Birdseye was forced to supplement his income with fur trading.'
5	Line 11 states that 'the combination of the temperature and exposure to the elements froze the fish almost instantaneously'.
6	Line 14 states 'with the help of a loan from his bank'.
7	Lines 14 & 15 state 'Birdseye set about inventing and patenting the world's first 'Quick Freeze Machine'.
8	$\frac{1}{9} + \frac{2}{3} + \frac{1}{6} = \frac{17}{18}$. Sophie's green felt tip must be $\frac{1}{18}$. The total number of felt tips must be 18.
9	$\frac{1}{6}$ of 18 = 3 red felt tips.
10	$\frac{1}{9}$ of 18 = 2 blue felt tips.
11	$\frac{2}{3}$ of 18 = 12 yellow felt tips.
12	The word 'upbeat' means 'optimistic', therefore the antonym is 'pessimistic'.

13	The word 'leisurely' means 'unhurried', therefore the antonym is 'hurried'.
14	The word 'meticulous' means 'careful', therefore the antonym is 'careless'.
15	The word 'dishevelled' means 'scruffy', therefore the antonym is 'smart'.
16	The word 'scarcity' means 'shortage', therefore the antonym is 'abundance'.
17	The word 'volatile' means 'explosive', therefore the antonym is 'calm'.
18	The word 'understate' means 'to downplay a situation', therefore the antonym is 'exaggerate'.
19	The word 'jovial' means 'cheerful', therefore the antonym is 'miserable'.
20	The word 'vanish' means 'disappear', therefore the antonym is 'materialise'.
21	'Snowy owls have extremely thick _plumage_, for insulation in the bitter winters.'
22	'Many elephants die every year as they are _relentlessly_ hunted for their ivory tusks.'
23	'Snow leopards are so well _camouflaged_ that they are almost invisible in a blizzard.'
24	'Koalas have evolved to be able to eat plants that are poisonous to other animals.'
25	'Spinner dolphins are so called because they are able to twist and turn in mid-air.'
26	'some animals hibernate during the winter months'
27	'the paint was peeling off the ceiling'
28	'today will be a much better day'
29	'you must measure out the correct ingredients'
30	'sugary snacks are not a healthy choice'

Practice Paper 5

1	'The Sri Lankan tea industry began in the nineteenth century after the island's coffee industry was _blighted_ by disease...'
2	'...that a combination of a warm climate and sloping fields created the perfect _conditions_ for ...'
3	'...the public's thirst grew for the new beverage which was to _prove_ hugely popular and fashionable.'
4	'Tea production on the island expanded _rapidly_ in the twentieth century.'

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5	'These sprays kept the insects at <u>bay</u> and kept the tea plants healthy.'
6	'…typically planted a metre apart and grow to around a metre in height; <u>adequate</u> rainfall is essential for growth.'
7	'After <u>plucking</u>, the tea leaves are taken to a factory where they…'
8	'…are left to <u>wither</u> after having hot air blasted over them.'
9	'The leaves are then crushed and they start to turn a <u>coppery</u> brown colour as additional heat is applied.'
10	'…it only takes 24 hours from the time the tea is picked to <u>process</u> it and have it loaded into bags ready for…'
11	There is one solitary cube on both the left and the right of the picture, therefore the correct answer is B.
12	There is only one row of 4 cubes, therefore the correct answer is D.
13	There is one cube to the left of the picture which rules out D. There is no row of 4 cubes in the picture which rules out B. A is incorrect as there aren't enough cubes in the picture, therefore the answer must be C.
14	The solitary cube on the right of the picture rules out all options except for A.
15	The solitary cube on the right of the picture rules out all options except for B.
16	The answer will contain the same digits and an estimate would be approximately 55. Therefore the answer is A.
17	18.902 + 98 thousandths = 19. Therefore the answer is D.
18	October has 31 days and June has 30 days. There are 24 hours in one day, so there are 24 more hours in October. Therefore the answer is C.
19	£79.92 ÷ 8 = £9.99. Therefore the answer is E.
20	The amount of money must equal £15 × 4 (£60). 50% of £60 = £30. Therefore the answer is E.
21	35% of £320 = £112. Therefore the answer is A.
22	$7x = 28$ when x is 4. Therefore 28 + 2 = y (30). Therefore the answer is B.
23	The word 'obnoxious' means 'very unpleasant and annoying', therefore the correct answer is B.
24	The word 'haphazard' means 'disorganised and random', therefore the correct answer is I.
25	The word 'perceptive' means 'quick to notice and understand things', therefore the correct answer is F.
26	The word 'courteous' means 'respectful and polite', therefore the correct answer is D.

27	The word 'conference' means 'a formal meeting for discussing ideas and opinions', therefore the correct answer is E.
28	The word 'gimmick' means 'something quirky, usually used to grab people's attention', therefore the correct answer is B.
29	The word 'shortcoming' means 'a failing or a weak point', therefore the correct answer is J.
30	The word 'replica' means 'an exact copy of something', therefore the correct answer is H.

Practice Paper 6

1	117 passengers begin the journey. There is a net loss at Leeds of 3 people (117 – 3 = 114). At Birmingham 40 people leave the train (20 × 2) and 15 join. The net loss during the journey equals 25 passengers. Therefore the answer is 114 – 25 = 89 passengers.
2	If there are 15 vans, there must be 15 × 3 cars. Therefore the answer is 45 cars.
3	43 breakfasts + 29 afternoon teas = 72 meals. 112 – 72 = 40. Therefore the answer is 40 lunches.
4	480 ÷ 8 = 60. Therefore the answer is 60 litres.
5	375 ÷ 25 = 15. Therefore the answer is 15 bouquets.
6	Arjun must score a total of 36 points over the three courses in order for his average/mean score to be 12 (36÷ 3). He has scored 19 points for the first two courses, therefore he needs to score 17 for the pudding course.
7	If Alice were to buy 10 pencil sharpeners, that would cost £5.90. To buy 9 would be £5.31, therefore she can buy 8 pencil sharpeners.
8	The number 42 would go past at: 07:00, 07:05, 07:10, 07:15, 07:20, 07:25, 07:30, 07:35, 07:40, 07:45, 07:50, 07:55, 08:00, 08:05, 08:10, 08:15, 08:20, 08:25, 08:30 and 08:35. Therefore 20 buses will go past the corner shop.
9	The word 'critical' has the same meaning as 'crucial'.
10	The word 'height' has the same meaning as 'altitude'.
11	The word 'frantic' has the same meaning as 'agitated'.
12	The word 'amble' has the same meaning as 'saunter'.
13	The word 'lively' has the same meaning as 'animated'.
14	The word 'stir' has the same meaning as 'arouse'.
15	The word 'descend' has the same meaning as 'plummet'.
16	The word 'approve' has the same meaning as 'endorse'.

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17	You could use a 'compass' to decide in which 'direction' to move.
18	A 'sculptor' would create a 'statue'.
19	A 'mariner' is another word for a sailor, which you would find upon a 'ship'.
20	A 'parachute' may be used to 'descend' from the sky.
21	You may find ancient relics or 'artefacts' in a 'museum'.
22	You could describe an area as being under a 'blanket' of 'fog'.
23	If you put your foot on the 'accelerator', you will be travelling 'faster' than before.
24	A 'book' has a 'spine'.
25	'…is adored all over the world and is considered a national _treasure_ in China.'
26	'…it is thought there are only about 1600 left in the wild, and that their _declining_ numbers…'
27	'China has a _booming_ economy and the continual expansion of the road and rail networks…'
28	'…is destroying large areas of forests which is _reducing_ the giant panda's access to the bamboo…'
29	'Hunting remains an ever-present _threat_ to the giant panda…'
30	'…has declined slightly in recent years due to _strict_ laws and greater public awareness…'

Practice Paper 7

1	Line 7 states that the island is approximately 2km wide and roughly 4.5km long, therefore the area would be 2km multiplied by 4.5km, which is $9km^2$.
2	Lines 1 & 2 refer to 'an exclusive private island…just off the east coast of Tasmania'. Therefore Tasmania must be to the west of Stanley Island.
3	Line 11 gives the measurements of the living room as 30 metres by 30 metres. The area would equal $900m^2$. Therefore 900 tiles would be needed.
4	Line 7 states that the island comprises 720 acres. 240 of 720 acres is equal to one-third.
5	Lines 4 & 5 state 'making use of the beach which is on the sheltered eastern side'.
6	Lines 13 & 14 states 'Located to the west of the house is the caretaker's lodge.' Therefore the main residence must be located to the east of the caretaker's lodge.
7	AUD \$15,000,000 divided by 1.50 equals £10,000,000.

8	40% of the total distance = 1.6km. Therefore the answer is 6 minutes.
9	Lucy reaches the 4km mark exactly halfway between 16 and 20 minutes. Therefore the answer is 18 minutes.
10	Lucy rested for the time that the line is horizontal – from 12 minutes to 14 minutes. Therefore the answer is 2 minutes.
11	After her rest, Lucy ran from the 14th minute until the 18th minute. Therefore the answer is 4 minutes.
12	The word 'blossom' means 'to grow and flourish', therefore the antonym is 'wither'.
13	The word 'obstinate' means 'non-compliant', therefore the antonym is 'compliant'.
14	The word 'deceit' means 'dishonesty', therefore the antonym is 'honesty'.
15	The word 'traitor' means 'someone who is disloyal', therefore the antonym is 'supporter'.
16	The word 'recede' means 'to go backwards', therefore the antonym is 'advance'.
17	The word 'faultless' means 'working perfectly', therefore the antonym is 'defective'.
18	The word 'removal' means 'taking something out', therefore the antonym is 'installation'.
19	The word 'gorge' means 'to eat greedily', therefore the antonym is 'starve'.
20	The word 'dribble' means 'to cause a liquid to pour very slowly', therefore the antonym is 'deluge'.
21	'Archaeologists glean information about the past by carrying out _excavations_, or digs.'
22	'Pharmacists prepare and _dispense_ medicines that help people overcome illnesses.'
23	'Architects design houses prior to them being _constructed_ by builders.'
24	'Conservationists work to _protect_ animals and the environment.'
25	'Journalists are trained to investigate stories and _interview_ people, often politicians.'
26	'there was porridge on the breakfast menu'
27	'a tree had fallen across the road' or 'the tree had fallen across a road'
28	'there was only one parking space left'
29	'the debris was scattered all over the field'
30	'the train was running twenty minutes late'

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Practice Paper 8

1	'It is now over 50 years since Neil Armstrong became the first man to take a walk on the <u>surface</u> of the moon.'
2	'The dramatic moment came after he had <u>inched</u> his way down the ladder of the fragile…'
3	'The landing, on the Sea of Tranquillity, was <u>near</u> perfect…'
4	'Armstrong reported that they were all in excellent <u>shape</u> and there…'
5	'…was no need for any <u>concern</u> for the astronauts' safety.'
6	'Back on Earth, in the mission control centre, tension was <u>mounting</u> as they nervously waited…'
7	'When the <u>historic</u> landing was confirmed…'
8	'…and they then gathered up a large selection of <u>lunar</u> rocks and other materials to take back home…'
9	'The men then proceeded to plant a flag and <u>unveil</u> a special plaque which…'
10	'…contained American President Nixon's <u>signature</u> and an inscription which read…'
11	Shapes within each picture are flipped horizontally and the shading is reversed.
12	The larger middle shape has its shading reversed which rules out A & B. C contains only one circle, so can be ruled out. Trapeziums are not inverted which rules out E.
13	The central shapes are both flipped horizontally, ruling out C & E. Shading on the bar at the top of the pictures is reversed, ruling out option D. The unbroken line becomes dashed, so the correct answer is B.
14	The inner shape is flipped horizontally, ruling out B. The dashed shading changes from horizontal to vertical, ruling out A. Option C is not correct as there is no striped shading in within the picture. Option D is incorrect as the stripes are running in the wrong direction. Therefore the correct answer is E.
15	The shapes within the pictures are reflected. Therefore the correct answer is C.
16	174 is the only number exactly divisible by 6. Therefore the answer is C.
17	If 20% is 35, then 35 × 5 will give the answer (175). Therefore the answer is E.
18	IX. Therefore the answer is B.
19	The only number that is not a factor of 64 is 6. Therefore the answer is A.
20	The range of the numbers can be found by subtracting the smallest number from the largest. 140–1 = 139. Therefore the answer is D.

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21	If the mean of three numbers is 7, this means that the three numbers must total 21. 21 – (2+11) = 8. Therefore the answer is C.
22	20% of £33.00 = £6.60. £33.00 + £6.60 = £39.60. Therefore the answer is B.
23	The word 'discard' means 'to throw something away', therefore the correct answer is E.
24	The word 'forecast' means 'to predict what will happen in the future', therefore the correct answer is H.
25	The word 'nominate' means 'to suggest that a certain person should win a prize or fill a job', therefore the correct answer is C.
26	The word 'neglect' means 'to fail to look after someone or something properly', therefore the correct answer is B.
27	The word 'widespread' means 'happening in many places', therefore the correct answer is C.
28	The word 'elated' means 'very excited and pleased', therefore the correct answer is H.
29	The word 'lavish' means 'extravagant and generous', therefore the correct answer is A.
30	The word 'absurd' means 'ridiculous and silly', therefore the correct answer is J.

Practice Paper 9

1	The number of books borrowed (440 + 78 +420 = 938) and the number of books returned (44 + 39 + 880 = 963) mean that 25 more books were returned than borrowed, therefore there were 25 more books in the library.
2	90% of 400 = 360. 20% of 360 = 72. Therefore 72 vegetarian lunches are eaten each day.
3	The family have spent the following nights away from home: 27/7, 28/7, 29/7, 30/7, 31 /7, 01/8, 02/8, 03/8, 04/8, 05/8, 06/8, 07/8, 08/8, 09/8, 10/8, 11/8, 12/8 and 13/8. Therefore they have been away from home for 18 nights.
4	14% of 200 = 28 marks.
5	360 ÷ 30 = 12. Therefore, there are 12 members of cabin crew for 360 passengers.
6	Trout weigh 75g each, so 150g are trout. The carp weighs 275g. This adds up to 425g, leaving 125g for the minnow and the perch. Therefore the minnow weighs 55g and the perch weighs 70g.
7	The train leaves at 13:34. Joe arrives at the train station at 13:01 (12:30 + 10 minutes + 6 minutes + 15 minutes). Therefore Joe waits from 13:01 until 13:34. Therefore the answer is 33 minutes.
8	12.5% is equal to one-eighth. 5 × 8 = 40. Therefore the answer is 40 bunches of tulips.
9	The word 'suggest' has the same meaning as 'imply'.
10	The word 'beastly' has the same meaning as 'callous'.

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11	The word 'clutch' has the same meaning as 'clasp'.
12	The word 'elastic' has the same meaning as 'flexible'.
13	The word 'kindle' has the same meaning as 'ignite'.
14	The word 'dauntless' has the same meaning as 'fearless'.
15	The word 'live' has the same meaning as 'reside'.
16	The word 'examine' has the same meaning as 'scrutinize'.
17	'Juvenile' means 'young' and a foal is a young horse.
18	You would 'dilute' a measure of 'squash' with water before you drink it.
19	'Lemons' have an outer skin known as the 'zest'.
20	People who are 'infamous' are well known for having committed something wrong, 'pirates' are infamous.
21	'Ancestors' are people in your family who were born before you; your 'grandfather' is one of your ancestors.
22	Books can be published in hardback or 'paperback' and a 'novel' is a type of book.
23	An 'archaeologist' is someone who 'excavates' soil in order to investigate the past.
24	'Nautical' is the adjective that applies to a 'ship'.
25	'…thought to have been _granted_ by God.'
26	'…monarchs have enjoyed great powers and have decided which laws to _introduce_ and which taxes to collect.'
27	'In a series of battles and _rebellions_ known as the French Revolution…'
28	'…the king was _executed_ and the country became a republic.'
29	'Today, there are still kings and queens, but few have any _real_ powers.'
30	'…representing their country in other parts of the world, or _acting_ as figureheads…'

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Practice Paper 10

1	Line 5 states 'the deepest seawater lake in Europe, Loch Nevis'. If it is the deepest lake in Europe, then it must also be the deepest seawater lake in Britain.
2	Lines 13 & 14 state that 'the train first stops at Alice Springs'.
3	Lines 7 & 8 states that 'The train offers the only remaining steam-powered service on the national network.'
4	Lines 15 & 16 refers to '…the WWI memorial at Anzac Hill..'.
5	Line 16 refers to 'the opal-rich mining town, Coober Pedy,..'.
6	Lines 19 & 20 state '… Upon arrival in Vladivostok, passengers will have passed through eight time zones, a third of the world's total.'
7	Lines 16 & 17 states '…where the residents mostly live underground due to the searing temperatures.'
8	If a total of 364 people visit the park, the number of people visiting between 14:00 and 15:00 is $364 - (48 + 56 + 68 + 58 + 54) \div 2$. That is $364 - 284 (80) \div 2$. Therefore the answer is 40.
9	$364 \div 7 = 52$. Therefore, the answer is 52.
10	After one o'clock is $(58 + 40 + 54 + 40)$, which is 192. Prior to one o'-clock is $(48 + 56 + 68)$, which is 172. Therefore the answer is 20.
11	20% of 80 = 16. Therefore the answer is 16.
12	The word 'delicate' means 'not strong', therefore the antonym is 'robust'.
13	The word 'artificial' means 'not natural', therefore the antonym is natural'.
14	The word 'incentive' means 'something that encourages someone to do something', therefore the antonym is 'deterrent'.
15	The word 'willing' means 'not reluctant', therefore the antonym is 'reluctant'.
16	The word 'unfaithful' means 'disloyal', therefore the antonym is 'loyal'.
17	The word 'thankful' means 'grateful', therefore the antonym is 'ungrateful'.
18	The word 'dawdle' means 'to do something slowly', therefore the antonym is 'hasten'.
19	The word 'calm' means 'serene', therefore the antonym is 'turbulent'.
20	The word 'repel' means 'to force away', therefore the antonym is 'attract'.
21	'Millions of people travel on London's _iconic_ red double-decker buses every day.'
22	'Gondolas are the traditional _mode_ of transport used in the city of Venice.'

23	'People mostly travel using husky-drawn <u>sleds</u> in countries above the Arctic Circle.'
24	'Japan's bullet trains are famous for their <u>punctuality</u>: all departing exactly on time.'
25	'In Kerala, exciting leisure trips can be <u>savoured</u> aboard houseboats made of wood.'
26	'the table was laid with silver cutlery'
27	'Roxanne received a bouquet of beautiful flowers' or 'Roxanne received a beautiful bouquet of flowers'
28	'Callum drifted off into a deep sleep'
29	'property developers built a new housing estate'
30	'traffic was moving slowly on the motorway'

Practice Paper 11

1	'…are so called because of their skin's rosy <u>hue</u>.'
2	'The dolphins are playful and friendly and it's <u>not</u> uncommon for locals to see them leaping above the water…'
3	'But the <u>adorable</u> pink dolphins are in danger of becoming extinct…'
4	'…this has resulted in over-fishing and a <u>sharp</u> decline in fish supplies.'
5	'This is causing a huge <u>reduction</u> in the natural food supply of the pink dolphins.'
6	'In recent years in Hong Kong, the waters have become more and more <u>congested</u> with marine traffic.'
7	'In the past ten years the number of boats has <u>doubled</u>…'
8	'…this has resulted in an <u>increase</u> in the numbers of dolphins being hit and injured.'
9	'Scars, probably caused by <u>boat</u> propellers, can sometimes be seen on the fins or bodies of the dolphins.'
10	'Hong Kong is currently working to reduce the number of dolphins getting hit by boats with a <u>trial</u> scheme…'
11	The answer is B as all other options would have the dark grey shapes on the left of the picture if positioned horizontally.
12	The answer is D as all other options have the smaller cross on the left of the black curve when rotated.
13	The answer is C. Option B cannot be correct as the middle hexagon is not white. The position of the hexagons is incorrect in A & D.

14	Options A & D can be ruled out as the arrows are not pointing in opposite directions. In option C, the dashes in the flag are flowing in the wrong direction.
15	The position and shading of the small, grey circle allows options A & C to be ruled out. The length of the arrow in B rules that option out. The answer B.
16	Reflex angles are greater than 180° degrees. Therefore the answer is D.
17	One-seventh of 91 is 13, therefore three-sevenths is 13 × 3 which is 39. Therefore the answer is A.
18	Working through the highest number given: 9, 18, 27, 36, 45. 45 is a multiple of all three numbers. Therefore the answer is B.
19	24 + 39 + 42 + 21 + 14 = 140. Divide 140 by 5 to find the mean, which is 28. Therefore the answer is E.
20	If 5% of a sum is £6.00, 100% must equal £6.00 × 20 (£120) .20% of £120 = £24.00. Therefore the answer is D.
21	Working through the multiples of the highest number given: 8, 16, 24, 32, 40, 48, 56. Therefore the answer is C.
22	09:28 to 10:00 is 32 minutes. 10:00 to 10:21 is 21 minutes. 32 + 21 = 53 minutes. Therefore the answer is B.
23	The word 'capacity' means 'the amount that a container can hold', therefore the correct answer is B.
24	The word 'manoeuvre' means 'a challenging movement that requires skill', therefore the correct answer is G.
25	The word 'ration' means 'a limited amount or a share of something', therefore the correct answer is D.
26	The word 'vitality' means 'liveliness and energy', therefore the correct answer is I.
27	The word 'fleeting' means 'not lasting very long', therefore the correct answer is D.
28	The word 'renowned' means 'well known and famous', therefore the correct answer is A
29	The word 'spontaneous' means 'without previous thought or planning', therefore the correct answer is J.
30	The word 'patriotic' means 'showing love of, and pride for, your country ' therefore the correct answer is E.

Extended answers
for 15-Minute Practice Papers (ages 10–11)

Practice Paper 12

1	If Hattie scored 78% on re-marking, she must have answered 39 questions correctly, 12 more than before.
2	There were 65 children on the coach (70 seats minus 4 seats for the teachers and one empty seat). 65 divided into a ratio of 2:3 = 26 boys:39 girls.
3	In March, Gabriel writes 24 recipes. In April, he writes 24 + 25% (6) = 30 recipes. In May he writes 30 + 30% = 39 recipes.
4	If 36 children said 'no', that must be two-thirds of Year 5. Therefore, Year 5 must be 54 + 2 absentees, making the total number 56.
5	Grace's room is on the 20th floor and the lift will have taken her to the 11th floor. 42 − 11 = 31 floors from the top floor.
6	The best way to calculate the number of slabs is to calculate how many will be needed to tile the length (400cm ÷ 50cm) which is 8. Then calculate how many tiles will be needed to tile the width (300 ÷ 50) which is 6. Then multiply the two numbers: 8 × 6 = 48 slabs
7	The number of chairs will be 18 × 12 (216). 240 (235 + 5 dance teachers) − 216 = 24 people standing.
8	Combinations possible are 3 × 3 × 2. Therefore the answer is 18.
9	The word 'agile' has the same meaning as 'nimble'.
10	The word 'bright' has the same meaning as 'luminous'.
11	The word 'amiable' has the same meaning as 'friendly'.
12	The word 'dappled' has the same meaning as 'spotted'.
13	The word 'meander' has the same meaning as 'wander'.
14	The word 'mutiny' has the same meaning as 'rebellion'.
15	The word 'baffled' has the same meaning as 'flummoxed'.
16	The word 'idea' has the same meaning as 'notion'.
17	Members of Parliament (MPs) all belong to a 'political' 'party'.
18	A 'platform' may be 'raised', for example a platform at a train station is raised above the track.
19	A 'motorway' could be 'congested' with traffic.
20	Someone's handwriting may be illegible or impossible to read, therefore their 'signature' may be 'illegible'.
21	A job 'vacancy' may be 'unfilled'.

22	A person who is in charge of publishing a 'magazine' is known as an 'editor'.
23	A 'refectory' is a place where you would eat or 'dine'.
24	A 'doctor' may give you a 'prescription' for some medicine.
25	'Inspiration for the <u>imposing</u> tower came from the spider lily flower…'
26	'This same pattern is <u>embodied</u> in traditional Islamic architecture.'
27	'Building work began in 2004 and the <u>landmark</u> tower was completed just six years later.'
28	'Construction workers <u>laboured</u> day and night, erecting a new floor every few days.'
29	'…within its walls are an <u>opulent</u> hotel, luxury residential apartments and chic offices.'
30	'Visitors to the Burj Khalifa can enjoy a <u>panoramic</u> residents' library…'

Practice Paper 13

1	Line 2 states that 'The island is 30 kilometres long and 15 kilometres wide'. Therefore maximum area is 30 x 15.
2	Line 11 states that 'The Komodo dragon can weigh up to 70 kilograms'. Line 14 states they are "capable of consuming 80 per cent of their own body weight in one meal'.
3	Lines 19 states 'the immortal princess returns to Komado once a year'. Once a year is annually.
4	Line 13 states 'but their favourite prey is deer'.
5	Lines 6 & 7 state that 'one of only seven beaches in the world comprised entirely of pink sand'.
6	Only option B contains three adjectives.
7	Line 8 states 'The crystal clear waters of the Indonesian Ocean are a magnet for visitors'.
8	Amy's bill will total £4.69 (£1.20 +£1.49 +£2.00). Therefore her change will be £10.00 – £4.69= £5.31.
9	Simon's bill will total £9.96 (£3.99 + £3.99 + 99p + 99p).
10	Lena's bill will total £9.53 (£1.99 + £1.99 + £1.85 + £1.85 + £1.85).
11	Tom's bill will total £1.96. Therefore his change will be £10.00 – £1.96 = £8.04.
12	The word 'vivid' means 'bright', therefore the antonym is 'dull'.

Extended answers
for 15-Minute Practice Papers (ages 10–11)

13	The word 'relegate' means 'to move someone down to a lower level', therefore the antonym is 'promote'.
14	The word 'assemble' means 'to bring parts together to make something' therefore the antonym is 'dismantle'.
15	The word 'falsehood' means 'a lie or fib', therefore the antonym is 'truth'.
16	The word 'income' means 'money coming into a household or business', therefore the antonym is 'expenditure'.
17	The word 'parched' means 'very dry', therefore the antonym is 'soaked'.
18	The word 'sever' means 'to cut off', therefore the antonym is 'attach'.
19	The word 'neutral' means 'not favouring any particular side or opinion', therefore the antonym is 'biased'.
20	The word 'taut' means 'very tight', therefore the antonym is 'loose'.
21	'Climate change has <u>resulted</u> in changes to weather patterns all over the world.'
22	'Like all other <u>flightless</u> birds, ostriches have short wings and small wing muscles.'
23	'Some fungi can be extremely <u>toxic</u> and are therefore very dangerous to eat.'
24	'Sound travels well through <u>liquids</u>, so it is easy to hear when underwater.'
25	'The internet can be a great <u>resource</u> for information, but it can also be distracting.'
26	'it was a very warm August evening'
27	'there was a tunnel under the castle'
28	'I haven't decided whom to vote for'
29	'you need to dilute squash with water'
30	'their friendship has lasted for many years'