

GL Kent Test Mock 1 Paper 1



Paper 1

English and Mathematics

- This test contains English and mathematics sections.
- The English test consists of a 5-minute practice section and a 25-minute test.
- The mathematics test contains a 5-minute practice section and a 25-minute test.
- All answers should be marked on the separate answer sheet provided.

Please turn over the page to begin the English Practice Section.

English Practice Section

(5 minutes)

This practice section gives an example of the sort of questions you will be faced with in this test, with the correct answer filled in on the answer sheet so that you can see how to do it.

There are also some practice questions that don't have the answers filled in, so that you can practise working them out for yourself and filling in the answer sheet.

Read this passage carefully and then answer the questions that follow.

The Great Wall of China

1 The Great Wall of China, an iconic symbol of ancient engineering, stretches over
2 13,000 miles across northern China, winding up and down across mountains and
3 plateaus like a dragon. Construction of the wall began in the 7th century BC, with
4 significant expansions during the Ming Dynasty (1368–1644 AD). Originally built to defend
5 against invasions, the wall now stands as a testament to China's rich history and attracts
6 millions of visitors annually.

Answer these questions. Look at the passage again if you need to. You should choose the best answer and mark its letter on your answer sheet.

A Example

Approximately how long is the Great Wall of China?

- A 5,000 miles
- B 8,000 miles
- C 10,000 miles
- D 13,000 miles
- E 15,000 miles

*The answer is **D**. The passage states that the Great Wall stretches over 13,000 miles across northern China.*

*The answer **D** has been marked on your answer sheet.*

Now try this practice question. You should choose the best answer and mark its letter on the answer sheet.

1 Practice

What was the primary purpose of the Great Wall of China when it was built?

- A To serve as a trade route.
- B To defend against invasions.
- C To mark territorial boundaries.
- D To promote tourism.
- E To display architectural prowess.

Now try this practice question about a literary device that is used in the passage.

2 Practice

What is the quote below an example of?

'winding up and down across mountains and plateaus like a dragon.'

(Lines 2–3)

- A Alliteration
- B Onomatopoeia
- C Simile
- D Metaphor
- E Personification

In this next type of question, you have to choose the **best word**, or **group of words**, to complete the sentence so that it makes sense and is written in correct English. You should choose one of the five answers and mark its letter on the answer sheet.

B Example

The scientist's groundbreaking research provided a new

perspective	illusion	mirage	obstacle	hindrance
A	B	C	D	E

on the causes of climate change.

*The answer is **A** because 'perspective' is the word that makes the most sense in the sentence as a whole.*

Now try this practice question. Choose the best word to complete the sentence so that it makes sense and is written in correct English. Mark its letter on the answer sheet.

3 Practice

The ancient ruins were a

abstract	fleeting	vague	distant	negligible
A	B	C	D	E

reminder of the once-great civilisation that inhabited the area.

In this type of question, you have to identify a spelling or punctuation error in a sentence. Take a look at **Example C** below.

In each sentence, there may be a spelling mistake. Find the group of words with the mistake in it and mark its letter on your answer sheet. If there is no mistake, mark N.

C Example

The scientist's theory was met with scepticism by her peers.

A	B	C	D
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*The word 'scepticism' is spelt incorrectly. Therefore the answer is **C**.*

*The answer **C** has been marked on the answer sheet.*

Now try this practice question. In each sentence, there may be an error in the use of capital letters or punctuation. Find the group of words with the mistake in it and mark its letter on your answer sheet. If there is no mistake, mark N.

4 Practice

We travelled to paris, via the Eurostar train from London.

A	B	C	D
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END OF PRACTICE SECTION

The English test begins on the next page.

- You have 25 minutes to complete the English test.
- There are 25 questions to answer.
- Your time will start when you turn over the page.
- Do not turn over the page until you are told to do so.

English

(25 minutes)

Read this passage carefully and then answer the questions that follow.

***Treasure Island* by Robert Louis Stevenson**

The appearance of the island when I came on deck next morning was altogether changed. Although the breeze had now utterly ceased, we had made a great deal of way during the night and were now lying becalmed about half a mile to the south-east of the low eastern coast. Grey-coloured woods covered a large part of the surface. This
5 even tint was indeed broken up by streaks of yellow sand-break in the lower lands, and by many tall trees of the pine family, out-topping the others—some singly, some in clumps; but the general colouring was uniform and sad. The hills ran up clear above the vegetation in spires of naked rock. All were strangely shaped, and the Spy-glass, which was by three or four hundred feet the tallest on the island, was likewise the strangest in
10 configuration, running up sheer from almost every side and then suddenly cut off at the top like a pedestal to put a statue on.

The *Hispaniola* was rolling scuppers under in the ocean swell. The booms were tearing at the blocks, the rudder was banging to and fro, and the whole ship creaking, groaning, and jumping like a manufactory. I had to cling tight to the backstay, and the world turned
15 giddily before my eyes, for though I was a good enough sailor when there was way on, this standing still and being rolled about like a bottle was a thing I never learned to stand without a qualm or so, above all in the morning, on an empty stomach.

Perhaps it was this—perhaps it was the look of the island, with its grey, melancholy woods, and wild stone spires, and the surf that we could both see and hear foaming and
20 thundering on the steep beach—at least, although the sun shone bright and hot, and the shore birds were fishing and crying all around us, and you would have thought anyone would have been glad to get to land after being so long at sea, my heart sank, as the saying is, into my boots; and from the first look onward, I hated the very thought of Treasure Island.

25 We had a dreary morning's work before us, for there was no sign of any wind, and the boats had to be got out and manned, and the ship warped three or four miles round the corner of the island and up the narrow passage to the haven behind Skeleton Island. I volunteered for one of the boats, where I had, of course, no business. The heat was sweltering, and the men grumbled fiercely over their work. Anderson was in command of
30 my boat, and instead of keeping the crew in order, he grumbled as loud as the worst. "Well," he said with an oath, "it's not forever."

I thought this was a very bad sign, for up to that day the men had gone briskly and willingly about their business; but the very sight of the island had relaxed the cords of discipline.

35 All the way in, Long John stood by the steersman and conned the ship. He knew the passage like the palm of his hand, and though the man in the chains got everywhere more water than was down in the chart, John never hesitated once.

“There’s a strong scour with the ebb,” he said, “and this here passage has been dug out, in a manner of speaking, with a spade.”

40 We brought up just where the anchor was in the chart, about a third of a mile from each shore, the mainland on one side and Skeleton Island on the other. The bottom was clean sand. The plunge of our anchor sent up clouds of birds wheeling and crying over the woods, but in less than a minute they were down again and all was once more silent.

The place was entirely land-locked, buried in woods, the trees coming right down to
45 high-water mark, the shores mostly flat, and the hilltops standing round at a distance in a sort of amphitheatre, one here, one there. Two little rivers, or rather two swamps, emptied out into this pond, as you might call it; and the foliage round that part of the shore had a kind of poisonous brightness. From the ship we could see nothing of the house or

stockade, for they were quite buried among trees; and if it had not been for the chart
50 on the companion, we might have been the first that had ever anchored there since the island arose out of the seas.

There was not a breath of air moving, nor a sound but that of the surf booming half a mile away along the beaches and against the rocks outside. A peculiar stagnant smell hung over the anchorage—a smell of sodden leaves and rotting tree trunks. I observed the
55 doctor sniffing and sniffing, like someone tasting a bad egg.

“I don’t know about treasure,” he said, “but I’ll stake my wig there’s fever here.”

Answer these questions. Look at the passage again if you need to. You should choose the best answer and mark its letter on your answer sheet.

- 1 What is the position of the ship when Jim came on deck the next morning?
- A Anchored near the western coast.
 - B About half a mile to the south-east of the low eastern coast.
 - C Sailing swiftly along the northern shore.
 - D Docked at a bustling port.
 - E Moored beside a sandy beach.
- 2 Choose a synonym for the word '**becalmed**', in the context of the passage.
- A anchored
 - B stranded
 - C motionless
 - D damaged
 - E rapid
- 3 What does the phrase '**spires of naked rock**' suggest about the hills? (Line 8)
- A They are covered in thick vegetation.
 - B They are smooth and rounded.
 - C They are made of soft soil.
 - D They are covered in thick snow.
 - E They are tall, pointed and bare.

- 4 What is described in the extract as **'running up sheer from almost every side and then suddenly cut off at the top like a pedestal to put a statue on'**?
- A The grey-coloured woods
 - B The yellow sand-breaks
 - C The tall pine trees
 - D The Spy-glass hill
 - E The ship's mast
- 5 What can be inferred about the author's first impression of the island?
- A Excited and eager to explore.
 - B Indifferent and uninterested.
 - C Fearful and anxious.
 - D Disappointed by its size.
 - E Disgusted by the smell.
- 6 What is the quote below an example of?
'being rolled about like a bottle' (Line 16)
- A alliteration
 - B simile
 - C personification
 - D onomatopoeia
 - E metaphor

- 7 What was the crew's task in the morning?
- A Exploring the island and starting a fire.
 - B Repairing the ship and replenishing stock.
 - C Fishing for food.
 - D Boats manned and the ship warped.
 - E Mapping the coastline.
- 8 Who was in command of the boat the author worked on?
- A The captain
 - B The steersman
 - C Anderson
 - D John
 - E Jim
- 9 What does the word '**conned**' mean in the context:
'Long John stood by the steersman and conned the ship'?
- A deceived
 - B navigated
 - C repaired
 - D cleaned
 - E crashed

- 10 What action does the plunge of the anchor cause?
- A The birds to fly up over the woods.
 - B Clouds of sand to engulf the boat.
 - C The trees come down.
 - D It turns the rivers into swamps.
 - E It buries the house amongst the trees.
- 11 What do you think is meant by, '**the foliage round that part of the shore had a kind of poisonous brightness**'?
- A The vegetation appeared unusually vibrant, almost suggesting it might be toxic or dangerous.
 - B The plants were emitting a bright light, indicating the presence of bioluminescence.
 - C The foliage was glowing due to the reflection of the setting sun.
 - D The leaves had a metallic sheen, implying they were covered in a harmful substance.
 - E The plants were wilting and discoloured, showing signs of being poisoned.
- 12 Choose an antonym for the word '**stagnant**'.
- A flowing
 - B frozen
 - C still
 - D smelly
 - E fragrant

13 What observation did the doctor make about the anchorage?

- A He believed it was an ideal spot for treasure hunting.
- B He suspected the area might be prone to fever.
- C He thought the water was too shallow for anchoring.
- D He noticed abundant wildlife in the vicinity.
- E He felt the anchorage was well protected from storms.

Spelling

In these sentences there are some **spelling** mistakes.

On each numbered line there is either **one** mistake or no mistake.

Find the group of words with the mistake in it and mark its letter on your answer sheet. **If there is no mistake, mark N.**

14 The politician's speech was filled with ambiguities that left

A	B	C
----------	----------	----------

the audience confused.

D

15 *The miscellaneous items in the drawer included pens, paperclips

A	B	C
----------	----------	----------

and old receipts.*

D

16 The entrepreneur launched a successful startup in the

A	B	C
----------	----------	----------

technology industry.

D

17 The garden was a stunning display of florescent beauty, with

A	B	C
----------	----------	----------

every plant in full bloom.

D

Punctuation

In these sentences there are some **punctuation** mistakes.

On each numbered line there is either **one** mistake or no mistake.

Find the group of words with the mistake in it and mark its letter on your answer sheet. **If there is no mistake, mark N.**

18 "Are we really going to climb that mountain," asked Sarah, her

A	B	C
----------	----------	----------

eyes wide with excitement.

D

19 The old mansion – abandoned for decades – stood at the end of the

A	B	C
----------	----------	----------

eerie, fog-covered lane.

D

20 Emily, Jack and Liam (who had been friends since nursery) decided to

A	B	C
----------	----------	----------

start a band.

D

21 She had three goals for the day: finish her essay practise the piano

A	B	C
----------	----------	----------

and read a new book.

D

Sentence Completion

In this passage you must choose the **best** word, or **group of words**, to complete each numbered line so that it makes sense and is written in correct English.

Choose the **best** answer and mark it on your answer sheet.

- 22 The artist's latest painting was a

chaotic	harmonious	discordant
---------	------------	------------

A B C
- | | |
|------------|-------|
| monotonous | bland |
|------------|-------|

 blend of colours and textures, captivating all who viewed it.
D E
- 23 Despite the team's best efforts, the project remained

incomplete	flawless
------------	----------

A B
- | | | |
|-------------|------------|------------|
| accelerated | successful | profitable |
|-------------|------------|------------|

 due to unforeseen challenges.
C D E
- 24 The novel's protagonist faced a moral

certainty	solution	clarity
-----------	----------	---------

A B C
- | | |
|------------|---------|
| resolution | dilemma |
|------------|---------|

 that tested his integrity and values.
D E
- 25 The athlete's

sporadic	occasional	halfhearted	unwavering	indifferent
----------	------------	-------------	------------	-------------

A B C D E
- dedication to training resulted in her winning the championship.

END OF ENGLISH TEST
DO NOT TURN OVER THE PAGE UNTIL YOU ARE TOLD TO DO SO.

Maths Practice Section

(5 minutes)

This practice section gives an example of the sort of questions you will be faced with in this test, with the correct answer filled in on the answer sheet so that you can see how to do it.

There are also some practice questions that don't have the answers filled in, so that you can practise working them out for yourself and filling in the answer sheet.

Work out the correct answer and mark its letter on the answer sheet.

A Example

I think of a number.
I triple my number and then I subtract 17.
The final result is 127.

What was the number I started with?

A. 150 B. 64 C. 79 D. 48 E. 36

The answer is **48**. You can work this out by taking the final result, 127, and reversing the steps described.

The correct answer has been marked on your answer sheet.

Now try these practice questions.

Work out the correct answer and mark it on the answer sheet.

1 Practice

Three identical books have a total weight of 840g. What is the weight of five of these books?

- A. 280g B. 1,400g C. 1,120g D. 1.2kg E. 960g

2 Practice

The perimeter of a rectangle is 30cm. The length of the rectangle is 12cm. What is the width of the rectangle?

- A. 10cm B. 3cm C. 6cm D. 9cm E. 4cm

END OF PRACTICE SECTION

The maths test begins on the next page.

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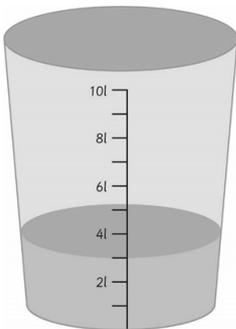
Maths
(25 minutes)

Work out the correct answer and mark its letter on your answer sheet.

1 A right-angled triangle has one angle that is 60 degrees. What are the other two angles?

- A All angles are 60°
- B 90° and 30°
- C This cannot make a valid triangle.
- D 210°
- E 60° and 90°

2 Tariq adds 2500ml of water into this bucket. How many litres of water are in the bucket now?



- A** 3,000ml
- B** 4.5l
- C** 5.5l
- D** 7l
- E** 5,500ml

3 Calculate the value of:

$$2\frac{1}{2} - 1\frac{3}{8} =$$

- A** $1\frac{3}{4}$
- B** $1\frac{1}{4}$
- C** 1
- D** $3\frac{3}{4}$
- E** $2\frac{1}{4}$

4 Which is the largest number?

0.27 $\frac{1}{2}$ $\frac{1}{5}$ 0.52 $\frac{2}{5}$

A 0.27 **B** $\frac{1}{2}$ **C** $\frac{1}{5}$ **D** 0.52 **E** $\frac{2}{5}$

5 Which number is closest to 0.19?

0.27 $\frac{1}{2}$ $\frac{1}{5}$ 0.52 $\frac{2}{5}$

A 0.27 **B** $\frac{1}{2}$ **C** $\frac{1}{5}$ **D** 0.52 **E** $\frac{2}{5}$

6 The total flying time from Abuja to New York via London is 15 hours. The section from Abuja to London takes 40% of the time. The flight takes off from Abuja at 10.20am.

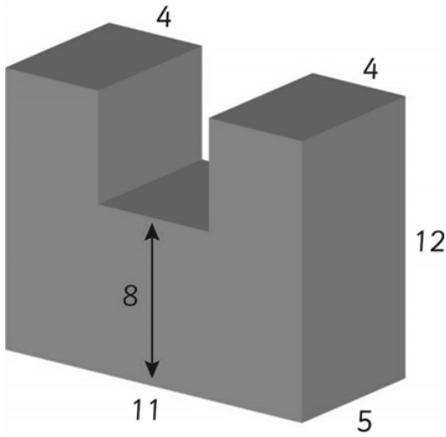
Abuja is 1 hour ahead of London. What time does the flight land in London?

A 1:20am **B** 6:20am **C** 4:20pm **D** 4:20am **E** 3:20pm

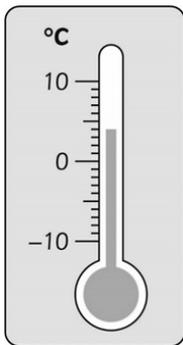
7 There is a stopover in London of 3 hours. New York is 5 hours behind London. What time does the flight land in New York?

A 10:20pm **B** 3:20am **C** 4:20am **D** 1:20am **E** 8:20pm

- 8 What is the volume of this shape? (All measurements are in cm.)



- A 568cm^3 B 800cm^3 C 600cm^3 D 660cm^3 E $1,056\text{cm}^3$
- 9 Amy took the temperature at 10am as seen on this thermometer. 13 hours later the temperature had reduced by 7 degrees. What was the temperature then?



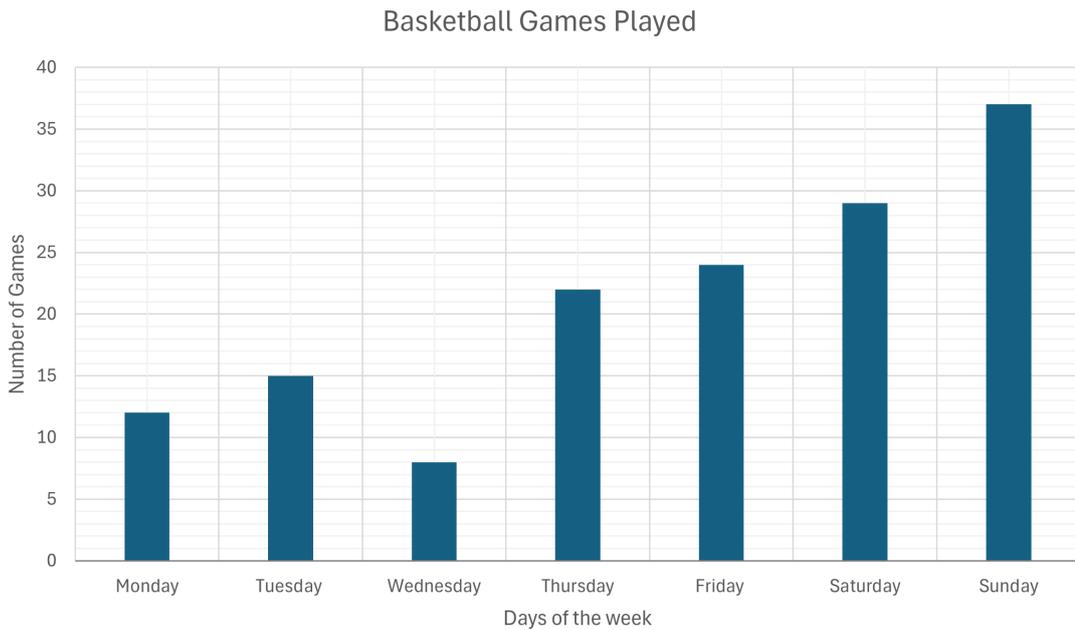
- A 7° B -5° C -1° D -3° E 6°
- 10 This is a train timetable for the Edinburgh to Kings Cross train.

Explore Travel – Train Timetable			
Edinburgh	05:58	08:25	09:45
Newcastle	07:42	10:10	11:30
Doncaster	09:16	11:42	13:13
Kings Cross	10:53	13:20	14:14

- If the 05:58 left 17 minutes late, what time would passengers arrive at Doncaster?
- A 09:00 B 07:52 C 09:33 D 10:33 E 09:52

- 11** A replacement bus is needed for the 08:25 from Edinburgh between Newcastle and Doncaster. The bus takes 2 hours and 10 minutes. How late will the passengers arrive in Doncaster?
- A** 0 minutes **B** 2 hours and 10 minutes **C** 12 minutes **D** 38 minutes **E** 1 hour and 10 minutes

The graph below shows the number of basketball games played at a leisure centre over a week. Use the graph to answer questions 12 – 14.



- 12** What was the total number of games at the weekend?
- A** 66 **B** 56 **C** 90 **D** 147 **E** 27
- 13** What is the range between the numbers of games played across the week?
- A** 34 **B** 20 **C** 147 **D** 29 **E** 37
- 14** What was the mean number of games played per day?
- A** 21 **B** 20 **C** 22 **D** 23 **E** 25

15 Calculate $17.3 + 12.9 =$

- A** 30.1 **B** 29.9 **C** 31.1 **D** 31.2 **E** 30.2

16 Calculate $7.2 \times 11.4 =$

- A** 82.08 **B** 82.0 **C** 87.2 **D** 82.8 **E** 87.02

17 Find 15% of 150.

- A** 12.5 **B** 22.5 **C** 1.5 **D** 19.5 **E** 15

18 Joao runs a restaurant. The first customer buys a biscuit, a banana and a bottle of water for £4. The second customer buys 2 bottles of water, a banana and a biscuit for £6. The third customer buys 2 biscuits, a banana and a bottle of water for £5.50.

How much does a biscuit cost?

- A** £1.50 **B** £1.00 **C** £2.50 **D** £0.50 **E** £2.00

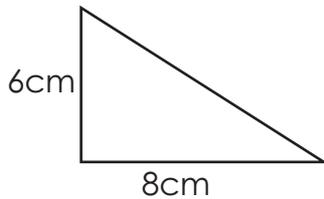
19 How much does a banana cost?

- A** £1.50 **B** £1.00 **C** £2.50 **D** £0.50 **E** £2.00

20 How much does a bottle of water cost?

- A £1.50 B £1.00 C £2.50 D £0.50 E £2.00

21 Calculate the area of this triangle.



- A 46cm^2 B 32cm^2 C 24cm^2 D 16cm^2 E 62cm^2

22 What is the value of p in $3p^2 = 108$?

- A 4 B 9 C 3 D 6 E 5

23 Miss Miller's class recorded the number of each type of bird they saw from the classroom window.

Pigeon	Wren	Sparrow	Blackbird
32	3	8	7

What percentage of the birds were pigeons?

- A 12% B 64% C 56% D 32% E 48%

24 What is the value of j in this equation: $\frac{j + 8.5}{60} = 20\%$

A 1.5

B 68.5

C 42.5

D 3.5

E 2.5

25 What is the highest common factor of 18 and 36?

A 12

B 36

C 9

D 6

E 18

**END OF MATHEMATICS TEST
END OF ENGLISH AND MATHEMATICS PAPER**