

# SEAG Transfer Test Mock 1



First Name: .....

Last Name: .....

Primary School: .....

Date of Birth: .....

Today's Date: .....

**DO NOT OPEN THIS PAPER UNTIL INSTRUCTED TO DO SO.**

# Mock 1

## Read the instructions carefully.

1. This paper assesses maths and English.
2. Section 1 – **The Practice Test**
  - 5 English questions
  - 5 maths questions
  - Designed to help you settle before the main test begins.
  - Practice test questions are not assessed.
3. Section 2 – **English Main Test**
  - 28 questions (Q1-Q28)
  - Punctuation exercise (5 multiple-choice questions)
  - Grammar exercise (5 multiple-choice questions)
  - Spelling exercise (5 multiple-choice questions)
  - English comprehension (Q16-Q22 multiple-choice. Q23-Q28 free response)
4. Section 3 – **Maths Main Test**
  - 28 questions (Q29-Q56)
  - Q29-Q50 multiple choice. Q51-Q56 free response.
5. You have **60 minutes to answer the 56 questions.**
6. Record all answers on the answer sheets provided.

# English – Practice Test

In this question there is either **one** punctuation mistake or **no** punctuation 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.**

P1. The dogs tail      wagged happily      when it saw      its owner.

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
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In this question you have to choose the **best** word to complete the sentence, so that it makes sense and is written in correct English. Choose the **best** answer and mark its letter on your answer sheet.

P2. She \_\_\_\_\_ to the library every Saturday to return her books.

A. go                      B. gone                      C. goes                      D. going                      E. in

In this question there is either **one** spelling mistake or **no** 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.**

P3. The scientist's      theory was      met with scepticism      by her peers.

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
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**Read this passage to yourself.**

## The Great Wall of China

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

Answer this question. Choose one answer from the options below and mark its letter on your answer sheet.

**P4.** 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

For this question, you have to write your answer in the box provided on your answer sheet (box P5).

**P5.** What was the primary purpose of the Great Wall of China when it was built?

# Maths – Practice Test

- P6.** 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
- P7.** 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
- P8.** 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
- P9.** Liam buys 3 notebooks and 2 pens. Each notebook costs £1.85 and each pen costs £0.90. How much does Liam spend in total?
- P10.** A bottle holds 1.5 litres of juice. How many 200ml glasses can be filled completely from the bottle?

# English – Main Test

In this exercise there are some mistakes with **punctuation** or use of **capital letters**. 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**.

## Punctuation Exercise

1. The students coats    were hanging on    hooks outside    the classroom.

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
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2. The family    visited berlin,    as part of their    tour of Europe.

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
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3. The hike went    ahead, despite    the fact it was    cold wet and windy.

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
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4. I went for a    picnic in the    park with my    friend jasmine.

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
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5. "What time are    we leaving    for school?"    shouted Lorenzo.

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
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## Grammar Exercise

In this exercise you have to choose the **best** word to complete the sentence, so that it makes sense and is written in correct English. Choose the **best** answer and mark its letter on your answer sheet.

6. Do you remember \_\_\_\_\_ you left your car keys?

A. where                      B. were                      C. wear                      D. we're                      E. was

7. The children hung up \_\_\_\_\_ coats before entering the classroom.
- A. their                      B. there                      C. they're                      D. they                      E. the
8. If I \_\_\_\_\_ earlier, I wouldn't have missed the train.
- A. leave                      B. leaf                      C. had left                      D. leaving                      E. leaves
9. They were pleased with the cake they had \_\_\_\_\_ for the party.
- A. make                      B. made                      C. making                      D. makes                      E. maked
10. The children are excited because they \_\_\_\_\_ going on a school trip tomorrow.
- A. is                      B. was                      C. be                      D. are                      E. been

## Spelling Exercise

In this exercise 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.**

11. The mischievious kitten    climbed the    curtains and    knocked over the vase.

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
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12. She gave a    sincere apology    for forgetting    her friend's birthday.

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
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13. His curiocity often    got him into trouble,    but it also led    to great discoveries.

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
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14. The athlete's    acheivement was    celebrated with    a grand ceremony.

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
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15. The teacher was    impressed by the    student's consceintious    approach.

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
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**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.

- 16 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.
- 17 Choose a synonym for the word '**becalmed**', in the context of the passage.
- A anchored
  - B stranded
  - C motionless
  - D damaged
  - E rapid
- 18 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.

- 19** 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
- 20** 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.
- 21** 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

- 22** 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.

For these questions you have to **write your answers**, neatly, in the boxes provided on your answer sheet.

- 23** Who was in command of the boat the author worked on?
- 24** What does the word '**conned**' mean in the context:  
'Long John stood by the steersman and conned the ship'?
- 25** What action does the plunge of the anchor cause?
- 26** What do you think is meant by, '**the foliage round that part of the shore had a kind of poisonous brightness**'?
- 27** Write an antonym for the word '**stagnant**'.
- 28** What observation did the doctor make about the anchorage?

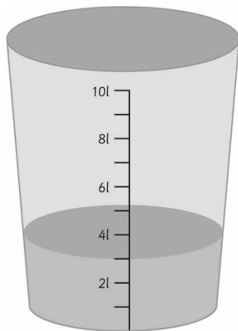
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# Maths – Main Test

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

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

**30** 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

**31** 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  $2\frac{1}{4}$

**32** Which is the largest number?

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

A 0.27

B  $\frac{1}{2}$

C  $\frac{1}{5}$

D 0.52

E  $\frac{2}{5}$

**33** Which number is closest to 0.19?

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

A 0.27

B  $\frac{1}{2}$

C  $\frac{1}{5}$

D 0.52

E  $\frac{2}{5}$

- 34** 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.

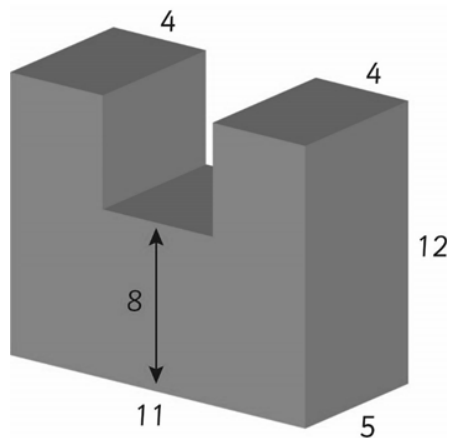
Abuja is 1 hour ahead of London. What time does the flight land in London?

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

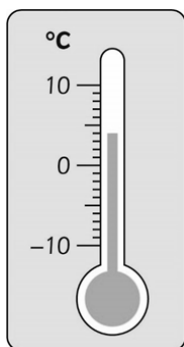
- 35** There is a stopover in London of 3 hours. New York is 5 hours behind London. What time does the flight land in New York?

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

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



- A  $568\text{cm}^3$
- B  $800\text{cm}^3$
- C  $600\text{cm}^3$
- D  $660\text{cm}^3$
- E  $1,056\text{cm}^3$
- 37 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  $7^\circ$
- B  $-5^\circ$
- C  $-1^\circ$
- D  $-3^\circ$
- E  $6^\circ$



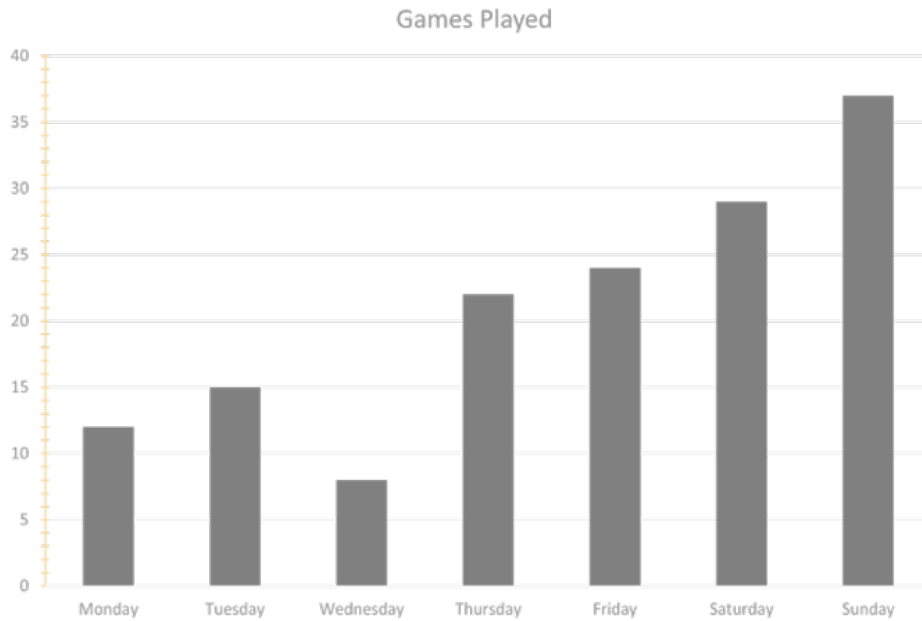
- 38** This is a train timetable for the Edinburgh to Kings Cross train.

Explore Travel – Train Timetable			
<b>Edinburgh</b>	05:58	08:25	09:45
<b>Newcastle</b>	07:42	10:10	11:30
<b>Doncaster</b>	09:16	11:42	13:13
<b>Kings Cross</b>	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
- 39** 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.



**40** What was the total number of games at the weekend?

- A 66
- B 56
- C 90
- D 147
- E 27

**41** What is the range between the numbers of games played across the week?

- A 34
- B 20
- C 147
- D 29
- E 37

**42** What was the mean number of games played per day?

A 21

B 20

C 22

D 23

E 25

**43** Calculate  $17.3 + 12.9 =$

A 30.1

B 29.9

C 31.1

D 31.2

E 30.2

**44** Calculate  $7.2 \times 11.4 =$

A 82.08

B 82.0

C 87.2

D 82.8

E 87.02

**45** Find 15% of 150.

A 12.5

B 22.5

C 1.5

D 19.5

E 15

**46** 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

**47** How much does a banana cost?

A £1.50

B £1.00

C £2.50

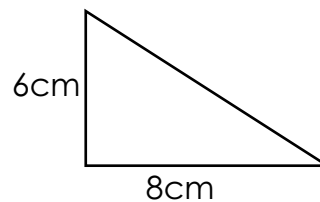
D £0.50

E £2.00

**48** How much does a bottle of water cost?

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

**49** Calculate the area of this triangle.



- A  $46\text{cm}^2$
- B  $32\text{cm}^2$
- C  $24\text{cm}^2$
- D  $16\text{cm}^2$
- E  $62\text{cm}^2$

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

- A 4
- B 9
- C 3
- D 6
- E 5

For these questions you have to **write your answers**, neatly, in the boxes provided on your answer sheet.

- 51** 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?

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

- 53** What is the highest common factor of 18 and 36?

- 54** A planet rotates around a star in orbit once every 10 hours. How many orbits does the planet complete in two weeks?

- 55** A mobile phone contract costs £13.50 each month, plus an additional monthly charge of £3 for extra data. What is the total cost over the year?

- 56** I think of a number. 6% of my number is 18. What number am I thinking of?

**END OF TEST**

## Working Out Space

[illegible]