

Get Selected!

English and Mathematics

Paper 2

Instructions

- Do not begin this test or turn over the page in this booklet until you are told to do so.
- This is a multiple choice test.
- Mark your answers clearly with a single line in the appropriate box on the answer sheet, or circle the answer on the paper.
- If you make a mistake, rub out the line on the answer sheet completely and clearly mark your new answer.
- If you cannot complete a question, choose the best answer you can.
- Work as quickly and as carefully as you can.
- You have 50 minutes to complete this test, which is divided into two sections.

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Authors: Christopher Westwood and Josephine Shore

SECTION 1 – ENGLISH

COMPREHENSION

Read the following example text and look at the example questions, then wait until you are told to go on.

EXAMPLE TEXT

The Jungle Book

1 It was seven o'clock of a very warm evening in the Seonee hills when Father Wolf woke up
from his day's rest, scratched himself, yawned, and spread out his paws one after the other to get rid
of the sleepy feeling in their tips. Mother Wolf lay with her big grey nose dropped across her four
tumbling, squealing cubs, and the moon shone into the mouth of the cave where they all lived.
"Augrh!" said Father Wolf. "It is time to hunt again." He was going to spring down hill when a little
5 shadow with a bushy tail crossed the threshold and whined: "Good luck go with you, O Chief of the
Wolves. And good luck and strong white teeth go with noble children that they may never forget the
hungry in this world."

Rudyard Kipling, *The Jungle Book*, edited

Example Question 1

What was the first thing Father Wolf did when he awoke?

- A) Yawned
- B) Scratched himself
- C) Spread out his paws
- D) Squealed

Answer: B

Example Question 2

How many cubs did Mother and Father Wolf have?

- A) One
- B) Two
- C) Three
- D) Four

Answer: D

WAIT UNTIL YOU ARE TOLD TO GO ON

You have 25 minutes to complete this section. There are 25 questions in this section.

Read the following extract and answer the questions that follow, mark the correct letter on your answer sheet.

Up the Mountain

1 From the old and pleasantly situated village of Mayenfeld, a footpath winds through green and shady meadows to the foot of the mountains, which on this side look down from their stern and lofty heights upon the valley below. The land grows gradually wilder as the path ascends, and the climber has not gone far before he begins to inhale the fragrance of the short grass and sturdy mountain-

5 plants, for the path is steep and leads directly up to the summits above.

On a clear sunny morning in June two figures were seen climbing the narrow mountain path; one, a tall strong-looking girl, the other a child whom she was leading by the hand, and whose little cheeks were so aglow with heat that the crimson colour could be seen even through the dark, sunburnt skin. And this was hardly to be wondered at, for in spite of the hot June sun the child was

10 clothed as if to keep off the bitterest frost. She did not look more than five years old, if as much, but what her natural figure was like, it would have been hard to say, for she had apparently two, if not three dresses, one above the other, and over these a thick red woollen shawl wound round about her, so that the little body presented a shapeless appearance, as, with its small feet shod in thick, nailed mountain-shoes, it slowly and laboriously plodded its way up in the heat. The two must have left the

15 valley a good hour's walk behind them, when they came to the hamlet known as Dorfli, which is situated half-way up the mountain. Here the wayfarers met with greetings from all sides, some calling to them from windows, some from open doors, others from outside, for the elder girl was now in her old home. She did not, however, pause in her walk to respond to her friends' welcoming cries and questions, but passed on without stopping for a moment until she reached the last of the scattered

20 houses of the hamlet. Here a voice called to her from the door: "Wait a moment, Daisy; if you are going up higher, I will come with you."

The girl once addressed stood still, and the child immediately let go her hand and seated herself on the ground.

"Are you tired, Heidi?" asked her companion.

25 "No, I am hot," answered the child.

"We shall soon get to the top now. You must walk bravely on a little longer, and take good long steps, and in another hour we shall be there," said Daisy in an encouraging voice.

They were now joined by a stout, good-natured-looking woman, who walked on ahead with her old acquaintance, the two breaking forth at once into lively conversation about everybody and everything in Dorfli and its surroundings, while the child wandered behind them.

30

"And where are you off to with the child?" asked the one who had just joined the party. "I suppose it is the child your sister left?"

"Yes," answered Daisy. "I am taking her up to Uncle, where she must stay."

35 "The child stay up there with Uncle! You must be out of your senses, Daisy! How can you think of such a thing! The old man, however, will soon send you and your proposal packing off home again!"

"He cannot very well do that, seeing that he is her grandfather. He must do something for her. I have had the charge of the child till now, and I can tell you, Barbara, I am not going to give up the chance which has just fallen to me of getting a good place, for her sake. It is for the grandfather

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40 now to do his duty by her."

Johanna Spyri, *Heidi*, Edited

Question 1

Which of the following adjectives best describes the village of Mayenfeld?

- A) Cold
- B) Old
- C) New
- D) Ugly

Question 2

What is meant by the phrase 'foot of the mountains' (line 2)?

- A) The base of the mountains
- B) The summits of the mountains
- C) The path up the mountains
- D) The meadows around the mountains

Question 3

What kind of word is 'inhale' (line 4)?

- A) Noun
- B) Adjective
- C) Verb
- D) Adverb

Question 4

Which of the following best describes the weather as the two figures climb the mountain path?

- A) Cool and breezy
- B) Cold with a bitter frost
- C) Hot and cloudy
- D) Hot and sunny

Question 5

Which of the following words is most similar in meaning to 'laboriously' (line 14)?

- A) Quickly
- B) Easily
- C) Painstakingly
- D) Anxiously

Question 6

Why were the two girls greeted when they reached the hamlet of Dorfli?

- A) It was Daisy's old home
- B) It was Heidi's old home
- C) Everyone in the hamlet liked wayfarers
- D) They did not receive many visitors in the hamlet

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Question 7

Which of the following words is closest in meaning to the word 'wayfarers' (line 16)?

- A) Villagers
- B) Residents
- C) Friends
- D) Travellers

Question 8

Why did Heidi sit down as soon as Daisy let go of her hand?

- A) She was too tired
- B) She couldn't walk any further in her mountain shoes
- C) She was too hot
- D) She had been called from the door of a house

Question 9

The author writes: 'the wayfarers met with greetings from all sides, some calling to them from windows, some from open doors, others from outside' (lines 16-17), why does the author list all of the places from which they were greeted?

- A) To show that they had finally arrived home
- B) To emphasise the number of people that greeted them
- C) To suggest that they looked tired
- D) To show that the villagers were lonely

Question 10

Which of the following words is closest in meaning to the word 'stout' (line 28)?

- A) Portly
- B) Slender
- C) Friendly
- D) Mean

Question 11

Which of the following is **NOT** true?

- A) Barbara and Daisy spoke partly about Heidi
- B) Daisy had met Barbara before
- C) Heidi took part in the conversation between Daisy and Barbara
- D) Daisy and Barbara spoke about Dorfli and the area around it

Question 12

Which of the following phrases tells us that Daisy and Barbara had known each other for a long time?

- A) 'good-natured-looking' (line 28)
- B) 'old acquaintance' (line 29)
- C) 'breaking forth' (line 29)
- D) 'lively conversation' (line 29)

Question 13

What is meant by the word 'party' (line 31)?

- A)** A group of people
- B)** A political party
- C)** A celebration
- D)** The hamlet of Dorfli

Question 14

Where was Daisy taking Heidi?

- A)** To Mayenfeld
- B)** Back down the mountain
- C)** To Heidi's mother
- D)** To Heidi's grandfather

Question 15

Which of the following is true?

- A)** Daisy had decided to continue looking after Heidi as she thought that it was her duty
- B)** Daisy did not want to continue looking after Heidi as Heidi's grandfather did not want to look after her either
- C)** Heidi did not like Daisy
- D)** Daisy thought that Heidi's grandfather ought to look after Heidi from now on

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SPELLING

Each of the following sentences contains **one** spelling mistake, mark its letter on your answer sheet.

EXAMPLE

The cold and dark train carrage was empty as we boarded.

A **B** **C** **D** **E**

Answer: C (carriage)

Question 16

The treasure was extremely valuable, but very well hiden.

A **B** **C** **D** **E**

Question 17

The old man strugled to remember the exact place in which he had grown up.

A **B** **C** **D** **E**

Question 18

Beas make honey and pollinate lots of flowers in the fields and meadows around the town.

A **B** **C** **D** **E**

Question 19

The boy found pretending to be a great and powerful medieval night extremely fun.

A **B** **C** **D** **E**

Question 20

The classroom was airey, spacious and filled with all of the children's colourful work.

A **B** **C** **D** **E**

Question 21

The artist loved her pony so much that she descided to paint a picture of him.

A **B** **C** **D** **E**

Question 22

The path through the jungle to the hidden tombe was very dangerous and baited with traps.

A **B** **C** **D** **E**

Question 23

"Home is where the hart is," thought the girl as she cuddled her cat, which purred lovingly.

A **B** **C** **D** **E**

Question 24

The ceiling had been painted in an intrecate pattern by an extremely famous sixteenth-century artist.

A **B** **C** **D** **E**

Question 25

Her hair was dishevelled as it was very windey on the way to the meeting.

A **B** **C** **D** **E**

WAIT UNTIL YOU ARE TOLD TO GO ON

SECTION 2 – Mathematics

You have 25 minutes to complete this section. There are 25 questions in this section.

Question 26

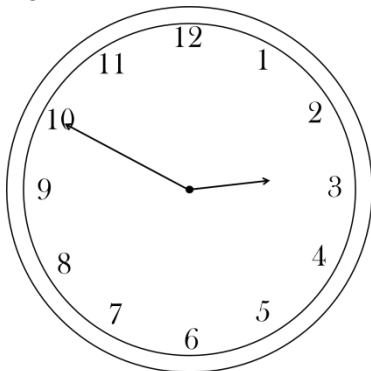
In the number 1486129, what value does the number 6 represent?

- A) 6 units
- B) 6 tens
- C) 6 hundreds
- D) 6 thousands
- E) 6 tens-of-thousands

Question 27

What percentage is equal to $\frac{2}{5}$?

- A) 20%
- B) 25%
- C) 30%
- D) 35%
- E) 40%

Question 28

Jordan is meeting his friends at the cinema at 7:45pm. If the clock shows the current time, how long does he have to wait until he meets his friends?

- A) 3 hours and 50 minutes
- B) 4 hours and 10 minutes
- C) 4 hours and 55 minutes
- D) 5 hours and 25 minutes
- E) 5 hours and 55 minutes

Question 29

If 72,561 is divided by 5, what is the remainder?

- A) 1
- B) 2
- C) 3
- D) 4
- E) 5

Question 30

DAY	Mon	Tue	Wed	Thu	Fri
SALES	52	65	70	48	135

The table shows the number of sales at Delicious Donuts over a week. What is the mean number of sales per day?

- A) 74
- B) 75
- C) 80
- D) 84
- E) 370

Question 31

Express 65.7655 to 2 decimal places.

- A) 65.00
- B) 65.76
- C) 65.77
- D) 65.80
- E) 66.76

Question 32

In Aberdeen it is 10°C colder than it is in Bristol. If it is 7°C in Bristol, what is the temperature in Aberdeen?

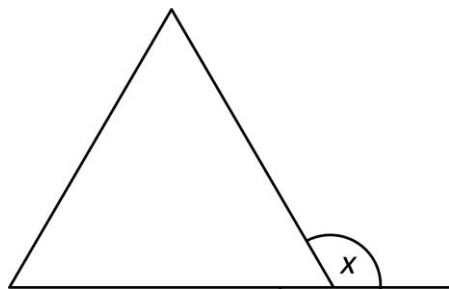
- A) 0°C
- B) -3°C
- C) -7°C
- D) -10°C
- E) -17°C

Question 33

If 435 is divided by 12, what is the result expressed as a mixed number?

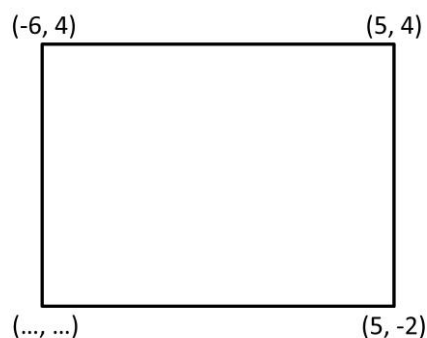
- A) $35\frac{1}{4}$
- B) $35\frac{3}{4}$
- C) $36\frac{1}{4}$
- D) $36\frac{1}{2}$
- E) $37\frac{1}{4}$

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Question 34

The diagram shows an equilateral triangle. What is the value of angle x ?

- A) 60°
- B) 100°
- C) 110°
- D) 120°
- E) 130°

Question 35

Satira draws a rectangle. What are the missing co-ordinates?

- A) $(-6, 5)$
- B) $(-5, 2)$
- C) $(-5, -2)$
- D) $(6, -2)$
- E) $(-6, -2)$

Question 36

Which of the following values is the largest?

- A) 0.895
- B) 0.099
- C) 0.91
- D) 0.909
- E) 0.9

Question 37

Cyclone Cycles are having their annual 100km race. Jayden has calculated that his average (mean) speed will be 19km/h. To the nearest hour, how long will it take Jayden to complete the race?

- A) 4 hours
- B) 5 hours
- C) 6 hours
- D) 7 hours
- E) 8 hours

Question 38

At Pembury Primary School fête, the children estimate the number of sweets in a jar.

Name	Jack	Sajid	Dante	Anya	Poppy
Estimate	63	48	97	88	79

What is the range of the estimates?

- A) 16
- B) 32
- C) 40
- D) 44
- E) 49

Question 39

Sally has a table which is in the shape of a regular hexagon. Each side of her table measures 90cm.

What is the perimeter of Sally's table?

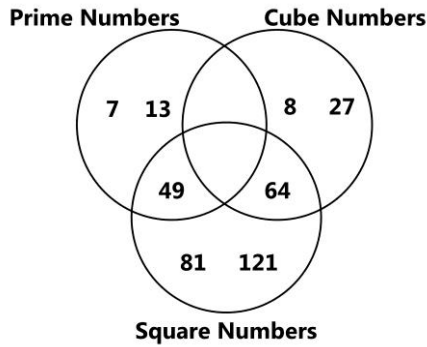
- A) 1.8m
- B) 2.8m
- C) 3.6m
- D) 5.4m
- E) 8.1m

Question 40

How would *quarter to eight in the evening* be displayed on a 24-hour clock?

- A) 08:45
- B) 07:45
- C) 19:45
- D) 20:15
- E) 20:45

Question 41



Which number is incorrectly placed in the Venn diagram?

- A) 49
- B) 13
- C) 121
- D) 27
- E) 7

Question 42



Fancy Furniture are having a sale. The original price of a sofa was £440 and the original price of a chair was £260. How much would it cost to buy one sofa and one chair during the sale?

- A) £385
- B) £425
- C) £445
- D) £455
- E) £700

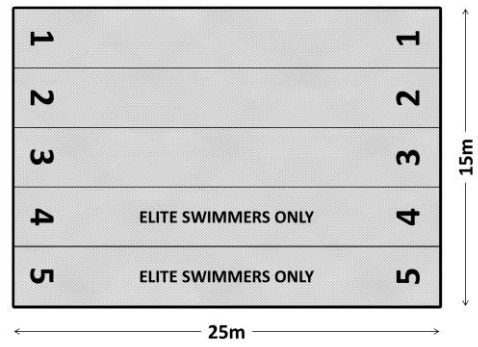
Question 43

Charlie records that he has trekked 96 miles over the course of a year. How far has he trekked in kilometres?



- A) 160km
- B) 190km
- C) 270km
- D) 340km
- E) 480km

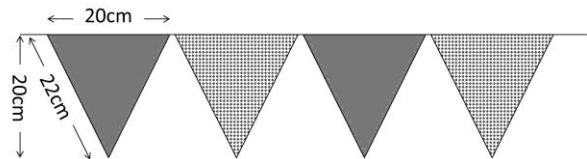
Question 44



Sharks Swim Club have a 5 lane pool. Each lane is the same width. Lanes 4 and 5 are reserved for the elite swimmers. What is the total surface area of the section of the pool that is not reserved for elite swimmers?

- A) 22.5m²
- B) 75m²
- C) 150m²
- D) 225m²
- E) 375m²

Question 45



Margaret is making bunting for a garden party. Work out the total area of material that she needs to make 20 of the triangles that make up the bunting.

- A) 450cm²
- B) 4,000cm²
- C) 4,500cm²
- D) 8000cm²
- E) 8,500cm²

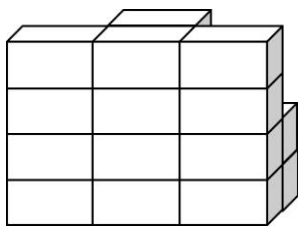
Question 46

46 – P < 31

If P stands for a whole number, what is the smallest number that P can be?

- A) 13
- B) 14
- C) 15
- D) 16
- E) 17

Question 47



Ranjit is stacking blocks. Which of the following could NOT be the number of blocks that he has stacked?

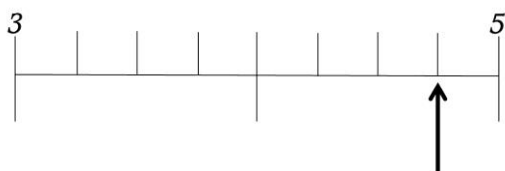
- A) 17
- B) 18
- C) 19
- D) 20
- E) 21

Question 48

Kirsten is making a litre of fruit smoothie. She adds strawberries, oranges and bananas in the following ratio: **5:3:2**. If Kirsten uses 25 strawberries, what is the number of oranges and bananas that she uses?

- A) 15 oranges and 12 bananas
- B) 15 oranges and 10 bananas
- C) 12 oranges and 8 bananas
- D) 20 oranges and 10 bananas
- E) 20 oranges and 12 bananas

Question 49



What number is the arrow pointing to on the number line?

- A) 3.75
- B) 3.80
- C) 4.25
- D) 4.75
- E) 4.80

Question 50

12		16
	13	
14	?	

In the number square each row and each column adds up to 36. What is the missing number marked by the question mark?

- A) 7
- B) 8
- C) 13
- D) 15
- E) 17