

Do not turn over or open this booklet until told to do so

CEA

Common Entrance Assessment

Paper 2

Saturday 23 November 2019

Time: 1 Hour

Please fill in the following from your admission card:

Your Candidate Number _____

Your Assessment Centre _____

Your Date of Birth _____

Answer all 58 questions in this booklet

NOT TO BE FILLED IN BY THE PUPIL			
MATHEMATICS			
Page	Marks	Score	Check
1	(5)		
2	(3)		
6	(3)		
7	(2)		
8	(3)		
11	(4)		
12	(4)		
16	(3)		
17	(4)		
18	(1)		
TOTAL 32			

NOT TO BE FILLED IN BY THE PUPIL			
ENGLISH			
Page	Marks	Score	Check
3	(2)		
4	(5)		
5	(2)		
9	(1)		
10	(4)		
13	(2)		
14	(5)		
15	(2)		
19	(1)		
20	(5)		
21	(3)		
TOTAL 32			
TOTAL SCORE			

1. Write **9 hundredths** as a **decimal** in the space below.

2. In October, **5 497** people visited a local museum. **Round this number** to the **nearest thousand**. Write your answer in the space below.

3. A **digital** clock shows **17:20**. What time in the afternoon is this using the **12 hour clock**? Tick the correct answer below.

Twenty minutes past 7.

Twenty minutes to 7.

Twenty minutes past 5.

Twenty minutes to 5.

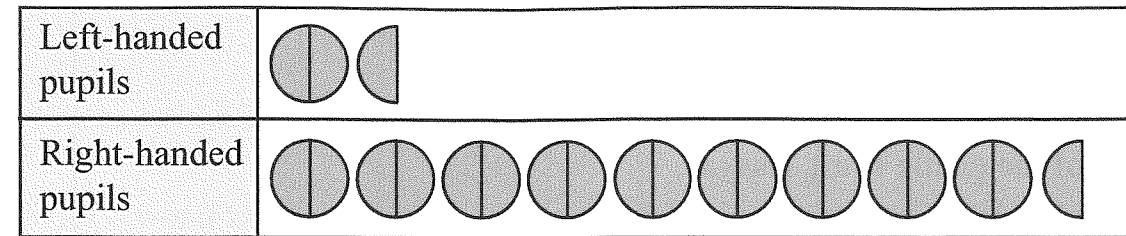
4. Heather needs **165** balloons for her party. Balloons are sold in **packs of 25**. What is the **least** number of **packs** that Heather must buy to have enough balloons for her party? Write your answer in the space below.

_____ packs

5. There are **2 weeks** in a **fortnight**. How many **hours** are there in a **fortnight**? Write your answer in the space below.

_____ hours

6. The pictograph below shows the number of **left-handed** and **right-handed** pupils in a year group.



There are **88 pupils** in the year group. How many **right-handed pupils** are in the year group? Write your answer in the space below.

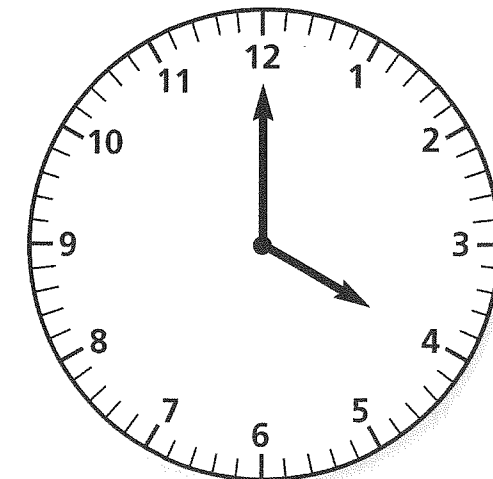
_____ right-handed pupils

7. Look at the sequence of numbers below:

7 4 1 _____ -5

A **number** is **missing** from this sequence. Write the **missing number** in the space above.

8. Calculate the **reflex angle** between the **minute** and **hour** hands of the clock face below. Write your answer, in **degrees**, in the space below.



_____ °

Yosemite National Park

Yosemite National Park is in California. In Native American folk stories, Yosemite was protected by a spirit called Tisayac.

Once a sacred garden, tranquil
under the guard of the gentle spirit Tisayac,
now a park through which tourists troop
purposefully, like the settlers
so long before. At the sight, screeching,
the falcon in flight fiercely cries out.

Whistling wildly, westerly winds wash waves
across the shimmering surface of the sunlit lake,
whispering like ancient voices of the past,
native to this land, long before the settler
trod the soil underfoot, stamping,
crushing, moulding the land to his will.

Voices old as the rocks and earth and sky
cried then and cry out now,
through the caverns and crevices
as each coach-load, crammed full of clicking
cameras and flashing phones,
careers through the valley.

9. Which word in verse one is closest in meaning to **peaceful**? Write the best answer in the space below.

10. In verse one the verb, **screeching**, describes one of the sounds in Yosemite National Park. Which two verbs in verse two describe the sounds of the wind in Yosemite National Park? Write the best two answers in the spaces below.

Do not write in this column

11. When two words are similar in meaning they are called **synonyms**. The word **soil** is used in verse two. Find a **synonym** for **soil** in verse three. Write the **best** answer in the space below.

12. Which word in verse three is closest in meaning to **moves quickly in an uncontrollable manner**? Write the **best** answer in the space below.

13. Based on your reading of the **whole poem**, tick the **true** statement below.

Yosemite National Park is a tourist destination.

Yosemite National Park is a large playground.

Yosemite National Park is a flat, desert plain.

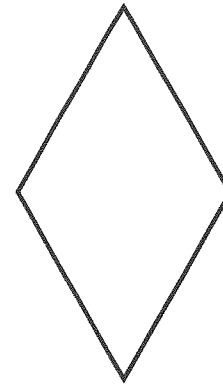
Yosemite National Park is a popular theme park.

14. The word **fiercely** is used in **verse one**. This is an **adverb** and comes from the **adjective, fierce**. Write the **adverbs** for each of the following **adjectives** in the space provided below. The first one has been done for you. **Be careful with your spelling.**

Adjective	Adverb
gentle	gently _____
brave	_____
simple	_____
true	_____
fine	_____

Do not write in this column

29. Look at the rhombus.



How many lines of symmetry does it have?

Tick the correct answer below.

- 0 lines
- 1 line
- 2 lines
- 4 lines

30. Look at the calculation below:

$$12 \times b = 396$$

Use **this** to work out the answer to the following calculation. Write your answer in the space below.

$$4 \times b = \underline{\hspace{2cm}}$$

31. A square has a perimeter of 28 cm. What is the area of the square? Write your answer in the space below.

$$\underline{\hspace{2cm}} \text{ cm}^2$$

32. At birth Emily measured 51 cm. At the age of 7 she measured 1.23 m. How many centimetres did Emily grow from birth to the age of 7? Write your answer in the space below.

$$\underline{\hspace{2cm}} \text{ cm}$$

Do not write in this column

33. For homework, Fintan reads Chapter 2 of his novel. Chapter 2 starts on page 20 and finishes on page 32. How many pages of the novel did he read? Write your answer in the space below.

$$\underline{\hspace{2cm}} \text{ pages}$$

34. Look at the 3 items below. Tick the most appropriate unit of measurement for each item.

Items	millimetre	centimetre	metre	kilometre
Height of a double decker bus.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Thickness of 5 sheets of paper.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Distance from Belfast to Dublin.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

35. Look at the statements below. Tick each statement below true or false.

	True	False
10 is a triangular number.	<input type="checkbox"/>	<input type="checkbox"/>
1 is a factor of 12.	<input type="checkbox"/>	<input type="checkbox"/>
9 is a cube number.	<input type="checkbox"/>	<input type="checkbox"/>

36. The number of points scored by James in the first four games of the basketball season are:

- 8 12 4 6

His mean (average) score over the first five games of the season is 8. How many points did James score in the fifth game of the season? Write your answer in the space below.

$$\underline{\hspace{2cm}} \text{ points}$$

Do not write in this column

Doris McLarnon

Doris McLarnon, Ciara's mother, was always markedly different from the other mums at the school gates. Some mums would huddle together in groups, gossiping about the latest scandal; others would lean against the railings, heads bowed, texting or on Facebook. Ciara's mother stood apart from the crowd; literally, she stood at a distance, but she also 'stood apart' in other ways.

Ciara's mother would never be seen texting or posting online; she had a firm belief that communication should happen face to face, not via technology. Ciara's mother didn't engage in conversation with the other mums and dads at the school gates because she fervently believed that there were more interesting topics of discussion beyond the latest celebrity news and gossip.

The walk home always involved a daily post-school reflection: Ciara's mother expected Ciara to identify facts that she had learned during the course of the day. First, the stuff the teachers expected her to learn: some science fact or a numeracy skill or the capital city of some far-off country.

Then came the bit that her mother felt was more important: things that Ciara had learned about life. These reflections ranged from discussion about how to handle queue-jumpers in the canteen to vocalising Ciara's frustrations about her exclusion from particular friendship groups; debates about whether the beginning of March was a bit too early for donning the checked summer dress to conversations about the injustice of the fidget spinner ban.

Her mother always asked questions about Ciara's choices and challenged her daughter's viewpoint, but never offered answers or solutions. After seven years of post-school reflections, Ciara realised that the only firm guidance given by her mother was: 'Do unto others as you would have them do unto you!'

52. Which word in **paragraph one** is similar in meaning to **significantly**? Write the **best** answer in the space below.

Do not write in this column

53. Based on your reading of **paragraph two**, tick the statement below which **best** explains why Doris **does not have** a mobile phone.

Doris had dropped her phone walking to school and it is broken.

Doris had dropped her phone walking to school and it is lost.

Doris doesn't have enough money to pay for mobile phone bills.

Doris prefers to speak directly to people rather than use a phone.

54. Which **adjective** in **paragraph three** tells us that Doris picks Ciara up from school **every day**? Write the **best** answer in the space below.

55. Which word in **paragraph four** is similar in meaning to **unfairness**? Write the **best** answer in the space below.

56. The words **always**, **challenged**, **answers** and **firm** appear in the **last paragraph**. Tick the correct box below to show whether each one has been used in the passage as a **verb**, **adverb**, **noun** or **adjective**.

	Verb	Adverb	Noun	Adjective
always				
challenged				
answers				
firm				

Do not write in this column

