CEM 11+ Practice Test

Read the instructions carefully.

- Do not begin the test or open the booklet until told to do so.
- Work as quickly and as carefully as you can.
- You may do rough working on a separate sheet of paper.
- If you make a mistake cross out the mistake and write the new answer clearly.
- You will have 45 minutes to complete the test.
- There are 100 marks available in total.

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Find the Missing Words

The following sentences each have one word missing. Complete each sentence by selecting one word that makes the best fit from the options a, b, c, d or e.

Example: People travelling to certain countries need d – vaccination.

a immunity  b certainty  c vacation  d vaccination  e respiration

1 It is a friendly village with a great sense of ____________________________ .
   a complacency  b comparison  c commission  d committee  e community

2 She is my role model and it was a real ____________________________ to meet her.
   a satisfying  b privilege  c hindrance  d apathy  e super

3 As the sun rose high in the sky, the snowman began to ________________ away.
   a freeze  b melt  c solidify  d run  e evaporate

4 The infants knelt ________________their teacher as he read out the story.
   a behind  b above  c under  d with  e before

Matching Words

Underline the one word on the right that has the most similar meaning to the word on the left.

Example: vision plotting / smell / sight / style / map

1 controversy agreement / controlling / content / debate / design

2 mischievous naughty / envious / polite / awkward / insincere

3 relevant realistic / pertinent / peckish / loathsome / fancy

4 category stack / trace / group / messy / disorganised

5 hindrance backing / assist / interruption / funny / apathetic

Complete a Word

Find the three letters that complete each of these words.

Example: fresh  splash

1 p______________hecy  persu______________

2 gu______________ntee  gov______________ment

3 sto______________h  sym______________ic

4 n______________hbour  n______________ance

Continue to the next page
Understanding Vocabulary in Context

Read the following sentences and answer the questions that follow.

**Example:** ‘The plane’s departure time was 13:45.’
What does the word ‘departure’ mean?  
Answer: b

a arriving  b leaving  c resting  d mending

1 ‘The poet performed his poem ‘The Train’ using the rhythm of the poem to convey the train’s journey.’

What does the word ‘rhythm’ mean?  
Answer:__________

a rhyme  b tone  c words  d beat

What does the word ‘convey’ mean?  
Answer:__________

a express  b drive  c combine  d sing

2 ‘They were conscious of a creature standing rather too close for comfort.’

What does the word ‘conscious’ mean?  
Answer:__________

a ethical  b watching  c oblivious  d aware

What does the word ‘comfort’ mean?  
Answer:__________

a loose  b spacious  c safety  d luxury

3 ‘The thin, transparent strands of the spider’s web were decorated with jewel-like drops of dew suspended from the gossamer frame.’

What does the word ‘suspended’ mean?  
Answer:__________

a hung  b created  c glimmering  d edged

What does the word ‘gossamer’ mean?  
Answer:__________

a wet  b beautiful  c ethereal  d dry

4 The weather loaches darted around the aquarium before hiding in their subaquatic caves.’

What does the word ‘darted’ mean?  
Answer:__________

a crept  b whizzed  c floundered  d swam

What does the word ‘subaquatic’ mean?  
Answer:__________

a underworld  b underwater  c undercover  d underneath

Text continues over the page
Opposite Words

Underline the one word on the right that has the most opposite meaning to the word on the left.

Example: rose thorn / flower / fell / down / up

1 illegal illicit / lawful / doubt / questionable / suspect
2 convenient suitable / apt / untimely / early / helpful
3 immature developed / silly / unripe / juvenile / gentle
4 advance progress / recede / move / graduate / difficult
5 incapable essential / extra / qualified / dreadful / gigantic

Superfluous Words

Rearrange these words to make the longest sentence you can and underline the word that is superfluous.

Example: so cream eat the were cakes delicious
(eat – The cream cakes were so delicious.)

1 fortnight summer holiday hour on we are going for in the a

2 hot weather gloves necessary mittens are cold in or

3 the tower traffic suspension carried over the river bridge

4 it is a baby moment when a magical toy is born

Continue to the next page
Vocabulary

Look at the following words and then use them to answer the questions that follow.

<table>
<thead>
<tr>
<th>beneath</th>
<th>smog</th>
<th>disturb</th>
<th>disown</th>
<th>over</th>
</tr>
</thead>
<tbody>
<tr>
<td>mistake</td>
<td>improvise</td>
<td>below</td>
<td>outrageous</td>
<td>bunion</td>
</tr>
<tr>
<td>stilted</td>
<td>deter</td>
<td>centenary</td>
<td>under</td>
<td>dissuade</td>
</tr>
<tr>
<td>disgraceful</td>
<td>smug</td>
<td>encourage</td>
<td>budget</td>
<td>fault</td>
</tr>
<tr>
<td>stillness</td>
<td>intrude</td>
<td>seizure</td>
<td>persuade</td>
<td>upside</td>
</tr>
</tbody>
</table>

1 Find two words that are synonyms for the word ‘interrupt’.

2 Find two words that are antonyms for the word ‘commendable’.

3 Find two words that are synonyms for the word ‘error’.

Look at the following words and then use them to answer the questions that follow.

<table>
<thead>
<tr>
<th>brand</th>
<th>mellow</th>
<th>placid</th>
<th>creation</th>
<th>sorting</th>
</tr>
</thead>
<tbody>
<tr>
<td>portly</td>
<td>serene</td>
<td>careless</td>
<td>make</td>
<td>successful</td>
</tr>
<tr>
<td>superior</td>
<td>briar</td>
<td>pin</td>
<td>fiery</td>
<td>aggressive</td>
</tr>
<tr>
<td>miscellaneous</td>
<td>calm</td>
<td>needle</td>
<td>indifferent</td>
<td>cleansed</td>
</tr>
<tr>
<td>united</td>
<td>nettle</td>
<td>offering</td>
<td>fury</td>
<td>various</td>
</tr>
</tbody>
</table>

4 Find two words that are synonyms for the word ‘trademark’.

5 Find two words that are antonyms for the word ‘peaceful’.

6 Find two words that are synonyms for the word ‘assorted’.

Comprehension

Read the following text and then answer the questions that follow it.

Expectation lay in the air. I swung myself up onto the gate that links the two fields and chewed ‘Beechnut’ gum pellets bought from the old machine in the village. Still there were no cars, no vans, no people, nothing on the horizon at all. I watched the hardly visible red spiders like tiny specks of blood crawling over the worn wooden gate. I was bored yet I didn’t want to miss anything so I had to remain sitting, watching. The sun was high in the sky before the first shimmer of something appeared on the horizon. I stared as hard as I could, desperate to make out what it was. As it moved closer I saw, with great disappointment, it was the green jeep from the farm next to ours. I wriggled on the gate, the thin wooden top feeling more uncomfortable the longer I sat there.

Text continues over the page
At last, another glimmer on the horizon and again I stared hard. The sun was so bright the image was fuzzy, but this looked more promising. I was right. A relatively small convoy of camper vans and small lorries snaked towards the village, always partially hidden by the twists and turns of the road and the thick greenery of hedges and tree foliage. Now more colourful snakes appeared, each one longer and more exotic than the previous one. The bottom field was soon filled with cheery tents, enticing rides and the promise of excitement. This was the event that the villagers looked forward to all year and there was a tangible buzz in the air.

I hopped off the fence and walked along the lane home. I had mentally calculated how many vans and lorries had appeared, but it didn’t sound nearly enough. I might have added a few more than were truly there, but I relished the attention given by everyone, all of them desperate to know what had arrived, how it arrived, how it all looked, whether the music had started, whether the posters had gone up. I told a good story and everyone from grandma to the sheepdog had been whipped up into a frenzy of anticipation. For one marvellous moment, I was the only person talking in the room. The power and adoration was amazing as all eyes were fixed on me. For a little girl with six brothers and sisters, this attention was most welcome and it was worth the discomfort of sitting on the fence for hours on end.

The following day I woke early to blue skies and bright sunshine. I remember pulling on my favourite dungarees, my multi-coloured striped top and a red scarf that I tied haphazardly in my hair before bolting down some breakfast and running down the lane to the village. As expected there were huge, gaudy posters everywhere. “Enjoy the THRILLS of the travelling fair,” they proclaimed. My heart beat faster as I knocked on friends’ doors. Arrangements were hastily made before I had to return to my chores: collecting eggs, feeding the pigs, moving the cows from the byre to the field and all of the time the fair was on my mind.

After an early tea my friends called and we all walked across the fields down to the bottom field. The journey seemed to take forever and every step quickened my heart. The evening was wonderful with even more rides than the year before. The Satellite, Maxwell’s Waltzer, the Twist, the Dodgem Cars, the Carousel and the potato sack Helter Skelter. We stood around the crackling, sizzling bonfire to eat hot spit-roast pork rolls oozing with sticky, sweet, apple sauce followed by crispy, salty baked potatoes dripping in butter and cheese. Even in tin foil they were unbearably hot and yet too delicious to complain. It was much later on before we had room left to eat crispy battered apple slices dipped in sugar, the molten hot apple a sweet mush in our mouths. We then enjoyed handfuls of huge, pink puffs of spun candyfloss that seemed to disappear as soon as it touched our tongues. How could the wooden sticks so full of candyfloss clouds disappear into nothing at all?

As the late August sunlight ebbed away the music seemed louder, the bright fairground lights seemed even brighter and we began to try our hand at the side stalls. We tossed heavy balls at the coconut shy; we tried in vain to hook ducks with a pole and threw hoops at the hoopla. There were darts to throw, pennies to roll, our futures to be read in the mystic tent until we were so tired it became hard to focus on anything. Between us we had won two goldfish, one small, rubber bouncy ball, a silver slinky stair climber and a HUGE cuddly dog. How we got up the field and back home with our spoils was a miracle, but we did get home and fell into bed with the smell of smoke in our hair and the taste of salt still on our lips.

Continue to the next page
1 What season of the year do you think the text is set in? Find three pieces of evidence to support your answer.

______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________

2 What word could replace the following words as used in the text?
   a Fuzzy ____________________________
   b Gaudy ____________________________
   c Spoils ____________________________

3 What do you think is meant by the phrase: ‘whipped up into a frenzy’? 

______________________________________________________________________________

4 Give two reasons why you think that the vehicles are likened to snakes? Use the text to support your answer.

______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________

5 Describe what you think the ‘side stalls’ were.

______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________

6 Which phrase is used in the text to mean the following:
   a Ate food very quickly ____________________________
   b As I got closer I got more excited ____________________________
   c As it grew darker ____________________________

______________________________________________________________________________

Text continues over the page
7 Explain why she didn’t tell the truth about the number of vehicles that arrived at the camp. Refer to the text to support your answer.

__________________________________________________________________________

__________________________________________________________________________

__________________________________________________________________________

8 Draw a line to match these literary effects with the following examples that are taken from the text.

Alliteration spiders like tiny specks of blood
A simile crackling, sizzling
A metaphor silver slinky stair
Onomatopoeia Now more colourful snakes appeared

Cloze Tests
Underline one word in the brackets that is the best fit in these sentences.

Example: The quacking of the (chickens, ducks, pigs) was never ending.

1 Before we light a fire we have to clean the old (oak, pine, ash) away from the grate.

2 A rockery is a (garden, pond, shop) feature with alpine plants, rocks and stones.

3 There are lots of (state, regional, country) cheeses in the UK.

4 Picture books are especially suitable for (pensioners, students, toddlers).

5 (Microphones, headphones, speakers) are a way of limiting music to one person.

Find the missing three letters that need to be added to these words so that the sentence makes sense. The three letters do not have to make a word.

Example: The child happily played on the bouncy castle.

6 The contestants had to bake cakes, pastries and biscuit ts.

7 Jupiter and Saturn are planets in our solar system.

8 The twelve e months have between 28 and 31 days in them.

9 Using a kettle is an effective method for boiling water.

10 It is cruel to keep an animal as a pet unless you can look after it properly.
Find the three letter word that is needed to complete each word so that each sentence makes sense. The missing three letters must make a word and the word must be spelt correctly.

**Example:** The teacher was proud of her well-behaved class.

1 The fleet of little fishing trawlers returned to the harb ____________.

2 The little merm ____________ watched the waves as she sat on her rock.

3 ____________ glasses help to protect our eyes from sun damage.

4 Father p ____________ red the walls of the morning room so that it looked neat.

**Short Maths**

Fill in the missing numbers so that these mathematical sentences make sense.

1 a 57 + 31 + ______ = 135 b 912 − 62 − ______ = 419

2 a 72 ÷ 8 = 27 ÷ ______ b ______ × 3 + 29 = 80

3 a 7² + 4³ = ______ b 0.62 + ______ + 1.37 = 6.51

Solve the following maths problems.

4 A new game costs £16.49 and I pay with a £20 note. How much change should I expect to receive back? £ ____________

5 This morning it was −4° outside and now it is 18°. How many degrees warmer has it become? ____________°

6 A triangle has one angle of 36° and another angle of 85°. What is the third angle? ____________°

7 If x + 26 = 30 and x³ + 22 = 86 what is the value of x? ____________

**Long Maths**

Solve the following mathematical problems.

1 I was born on Tuesday 28th and I was baptised 5 days later on Sunday 5th. If both statements are true, what month was I born in?

2 At the library it takes 5 librarians 3 hours to put all of the returned books away in the correct place. If 2 librarians are away, how long will it take the remaining librarians to put all of the books away?

3 Shop A is selling paint at £5.99 a tin. Shop B is selling paint at £7.99 a tin but they have an offer of one tin free for every 2 tins purchased. Shop C is selling paint at £8.49 a tin or £29 for 5 tins. Which shop will work out the cheapest if I need to buy 6 tins of paint?
4 Michael is baking 240 cakes for the school fair and Zara is decorating them. She ices every 4th cake in pink icing. She puts silver sprinkles on every 5th cake and every 3rd cake she adds a white chocolate star.
How many cakes in total will have pink icing AND silver sprinkles AND a white chocolate star?

Data
The following table shows the cost of stationary from the wholesalers, the cost of the item in the shop and the profit made:

<table>
<thead>
<tr>
<th></th>
<th>Notebooks</th>
<th>Envelopes</th>
<th>Pens</th>
<th>Crayons</th>
<th>Pencils</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wholesale Price</td>
<td>£5.20</td>
<td>£8.75</td>
<td>£11.30</td>
<td>£15.60</td>
<td>£10.45</td>
</tr>
<tr>
<td>Profit</td>
<td>£3.79</td>
<td>£4.24</td>
<td>£3.20</td>
<td>£4.39</td>
<td>£3.80</td>
</tr>
</tbody>
</table>

1 What is the difference between the highest and lowest retail price? £
2 Which product produces the most profit? £
3 What is the average wholesale price? £
4 If I sold each item, how much profit would I make altogether? £

The following chart shows Philip's journey to the station to pick up tickets before returning home. He stops at the newsagent's part way for a newspaper and a block of chocolate. After he collects the tickets, Philip stops off at the shops for some vegetables and bread before continuing back home.

5 At what time does Philip reach the newsagents? 
6 How long does it take Philip to reach the station? 
7 How long does Philip spend at the shops? 
8 How far are the shops from Philip's home?
Non-Verbal Reasoning

Circle the letter that answers the following problems.

1 Which pattern comes next in the sequence?

2 Which pattern on the right is a reflection of the pattern on the left?

3 Which code matches the pattern at the end?

4 Which pattern on the right completes the second pair in the same way as the first pair?

5 Which cube can be made from the given net?
6. Which pattern best completes the grid?

   | a | b | c | d | e |
---|---|---|---|---|---|
| ⭐ | ⚫ | ⚫ | ⚫ | ⭐ |
| ⚫ | ⚫ | ⚫ | ⚫ | ⚫ |
| ⚫ | ⭐ | ⚫ | ⚫ | ⚫ |
| ⚫ | ⚫ | ⚫ | ⚫ | ⚫ |

7. Which pattern on the right goes best with the pattern on the left?

   | a | b | c | d | e |
---|---|---|---|---|---|
| ⚫ | ⚫ | ⚫ | ⚫ | ⚫ |
| ⚫ | ⚫ | ⚫ | ⚫ | ⚫ |
| ⚫ | ⚫ | ⚫ | ⚫ | ⚫ |
| ⚫ | ⚫ | ⚫ | ⚫ | ⚫ |

8. Which two patterns are the same?

   | a | b | c | d | e |
---|---|---|---|---|---|
| ⚫ | ⚫ | ⚫ | ⚫ | ⚫ |
| ⚫ | ⚫ | ⚫ | ⚫ | ⚫ |
| ⚫ | ⚫ | ⚫ | ⚫ | ⚫ |
| ⚫ | ⚫ | ⚫ | ⚫ | ⚫ |

TOTAL SCORE = ________ %