

CEM PAPER 2



Name _____

Date of Birth

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School _____

Secondary Transfer Test Practice Papers

(suitable for CEM style 11+ entrance tests and independent school entrance exams)

CEM Style 11+ Exam - PAPER 2

Read through this section carefully and wait for further instruction.

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.
- Please use a pencil to answer the questions
- Put a line in the box next to the correct letter from the options given on your answer sheet
- You may do rough working on a separate sheet of paper.
- If you make a mistake, rub it out and then mark the correct answer
- You will have 60 minutes to complete the test.

Please don't hesitate to contact us at info@11plussuccess.co.uk if you have any questions or queries.

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SECTION 1: Cloze Test

The following passage (<https://www.bradford.gov.uk/environment/climate-change/what-is-climate-change-and-how-will-it-affect-the-uk/>) on the effects of climate change has 10 places where choice of three words is provided in bold letters. You are required to choose the correct word that is appropriate to the subject matter being discussed. Choose the correct word from the answer sheet provided.

What is climate change and how will it affect the UK?

Greenhouse effect

According to the Met Office, climate change is the long-term change in climate and is usually used in the **contest/context/concept (1)** of man-made climate change.

The **greenhouse/greenbelt/green (2)** effect is the term used to describe the warming of the Earth. If there were no greenhouse gases the Earth would be a frozen, lifeless ball in space, but too many gases and the planet warms up causing **healthful/pleasant/dangerous (3)** climate change.

Due to human activities such as burning fossil fuels and **growing/cutting/planting (4)** down trees, greenhouse gases have **increased/decreased/dwindled (5)** and so increased the heat trapped in the atmosphere. The main greenhouse gas is carbon dioxide CO₂.

We can expect our climate to change to be hotter and wetter with more **conductive/extreme/docile (6)** weather.

In the UK, 40% of CO₂ **suppressions/repressions/emissions (7)** are caused by individuals, mostly from energy used in the home, driving and air travel.

The effects of climate change can be seen in the UK and around the world. UK **mountains/temperatures/volcanoes (8)** have already risen. Globally, extreme weather is predicted to become more common and to have a **negative/positive/salubrious (9)** impact on humans, animals and plants.

Climate change will **effect/affect/calm (10)** many aspects of our lives in the UK, our environment, business and public services.

SECTION 2: Numerical Reasoning

Solve the following questions. Circle the right answer.

11. From the following options given below, choose what 17% of 3,300 is?

- A. 561 B. 5610 C. 56.1 D. 5.61

12. If the depth of the English Channel is about 975 feet and the height of Scafell Pike, England's highest mountain, is 3227 feet what is the range of these two points?

- A. 2252 feet B. 4202 feet C. 3227 feet D. 975 feet

13. Which of the squares of the following numbers is an odd number?

- A. 8 B. 10 C. 13 D. 12

14. Which of the following numbers is not divisible by 13?

- A. 1690 B. 156 C. 91 D. 118

15. If $9.7 \times 3.21 = 31.137$, what does 97×32.1 equal?

- A. 3.1137 B. 311.37 C. 31137 D. 3113.7

16. Find the value of p in this equation: $5(p + 9) + 3 = 48$

- A. 3 B. 2 C. 0 D. 1

17. The first five England batsmen contributed an average of 74 runs to the England first innings, a total of 402 all out. How much did the rest of the six batsmen contribute?

- A. 42 B. 32 C. 22 D. 33

18. Which of these is not a property of a regular pentagon?

- A. No two sides equal B. All sides equal C. Has five sides D. Has five angles

19. The Tower of London is 27.5 metres high. How high is it in centimetres?

- A. 2,750 B. 27,500 C. 275,000 D. 275

| | | | | |
|-------------------------|-----------|-----------|------------|------------|
| 31. Boundless | Infinite | Limitless | Unending | Finite |
| 32. Compulsory | Mandatory | Forced | Voluntary | Compelling |
| 33. Zenith | Apex | Nadir | Crest | Crown |
| 34. Contaminated | Purified | Corrupted | Polluted | Stained |
| 35. Spendthrift | Miser | Spender | Exorbitant | Wasteful |
| 36. Repulsive | Creepy | Agreeable | Unpleasant | Hateful |
| 37. Dismal | Horrid | Miserable | Cheerful | Sad |
| 38. Plethora | Deluge | Plenty | Surfeit | Dearth |
| 39. Predator | Vulture | Marauder | Piranha | Prey |
| 40. Devoid | Bare | Bereft | Replete | Barren |

SECTION 5: Odd One Out

In the following groups of four words, three of the words relate in some way or another but one word is the odd one out. Choose the odd one out on the answer sheet provided.

| | A | B | C | D |
|-----|-----------|------------|-------------|-----------|
| 41. | Destroy | Demolish | Ruin | Create |
| 42. | Delicious | Delectable | Unpalatable | Enjoyable |
| 43. | Platypus | Shark | Whale | Kangaroo |
| 44. | Christmas | Summer | Autumn | Winter |
| 45. | Thursday | Month | Year | Fortnight |

| | | | | |
|-----|--------|---------|--------|--------|
| 46. | Gold | Steel | Copper | Silver |
| 47. | Water | Mercury | Cotton | Milk |
| 48. | Carrot | Cabbage | Radish | Apple |
| 49. | Car | Truck | Lorry | Ship |
| 50. | Pluto | Earth | Sun | Mars |

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