

# CEM Select Mock 1 Answers



## Module 1 – Comprehension

- 1 B
- 2 C
- 3 B
- 4 C
- 5 D
- 6 A & C
- 7 B
- 8 D
- 9 A
- 10 C
- 11 B
- 12 A
- 13 A
- 14 A
- 15 B
- 16 B
- 17 C
- 18 B
- 19 C
- 20 D

# CEM Select Mock 1 Answers



## Module 2 – Anagrams

- 1 goats
- 2 salt
- 3 path
- 4 dessert
- 5 ocean
- 6 stars
- 7 sunset
- 8 horses
- 9 paintbrush
- 10 oven
- 11 evidence
- 12 treasure
- 13 laboratory
- 14 potatoes
- 15 pyramid
- 16 compass
- 17 canvas
- 18 scriptures
- 19 species
- 20 collect
- 21 damage

# CEM Select Mock 1 Answers



## Module 3 – Missing Words

The Amazon Rainforest is one of the most biodiverse regions on **Earth**, home to an estimated 10 million **species** of animals, plants, and micro-organisms. Covering over 5.5 million square kilometres, it is located primarily in Brazil and extends into several other South American **countries**.

The rainforest is often called the '**lungs** of the Earth' because it produces a significant percentage of the world's **oxygen**. The Amazon River, the second-longest river in the world, flows through the rainforest, **providing** water to millions of species. It stretches over 6,500 kilometres and is home to **unique** wildlife, such as the pink river dolphin and the fearsome piranha.

Unfortunately, **deforestation** has become a major issue, with vast areas being cleared for agriculture and urban development. Scientists **warn** that the loss of the rainforest could have serious **consequences** for global climate and biodiversity. Deforestation leads to **habitat** loss, pushing many species towards extinction and reducing the planet's ability to absorb carbon **dioxide**. Conservation efforts are underway, but enforcement remains a challenge in many regions.

Our solar **system** consists of the Sun and numerous celestial bodies, including planets, moons, asteroids and **comets**. The Sun, a massive ball of gas, provides **energy** that sustains life on Earth. Without it, life as we know it would be **impossible**.

The solar system is divided into two main regions: the inner solar system, which contains Mercury, Venus, Earth and Mars, and the outer solar system, which contains Jupiter, Saturn, Uranus and Neptune. The inner planets are smaller and rocky, while the outer planets, known as gas **giants**, are much larger and composed mostly of hydrogen and helium.

Between Mars and Jupiter lies the Asteroid Belt, a region filled with rocky debris. Beyond Neptune, in an icy **expanse** called the Kuiper Belt, lies Pluto, which was reclassified as a **dwarf** planet in 2006. Scientists continue to **explore** space, searching for new worlds beyond our solar system and understanding our place in the **universe**.

The Sun's influence extends far beyond Pluto, reaching the heliosphere, a bubble-like region where the solar wind meets interstellar **space**. Beyond our solar system, thousands of exoplanets – planets orbiting other stars – have been **discovered**, and scientists are investigating whether any of them could **support** life.

# CEM Select Mock 1 Answers



## Module 4 – Related Words

- |    |            |                   |
|----|------------|-------------------|
| 1  | angry      | <b>furious</b>    |
| 2  | confused   | <b>bewildered</b> |
| 3  | demand     | <b>insist</b>     |
| 4  | gather     | <b>assemble</b>   |
| 5  | brief      | <b>concise</b>    |
| 6  | lazy       | <b>indolent</b>   |
| 7  | miserable  | <b>despondent</b> |
| 8  | examine    | <b>scrutinise</b> |
| 9  | trust      | <b>rely</b>       |
| 10 | conceal    | <b>hide</b>       |
| 11 | persuade   | <b>convince</b>   |
| 12 | destroy    | <b>demolish</b>   |
| 13 | worry      | <b>fret</b>       |
| 14 | amiable    | <b>friendly</b>   |
| 15 | cure       | <b>remedy</b>     |
| 16 | moody      | <b>sullen</b>     |
| 17 | hesitate   | <b>waver</b>      |
| 18 | calm       | <b>serene</b>     |
| 19 | diminutive | <b>tiny</b>       |
| 20 | explain    | <b>clarify</b>    |
| 21 | start      | <b>commence</b>   |

# CEM Select Mock 1 Answers



## Module 5 – General Maths

**1a** 5,437

**b** 7,215

**c** 6

**d**  $\frac{2}{5}$

**e**  $9\frac{2}{3}$

**2** 320,000cm

**3** 810,000cm<sup>2</sup>

**4** £198

**5** 64%

**6** 300

**7** £4.80

**8a** 182

**b** 54

**c** 198

**d** 24.5

**9** 6

**10a** (1,3)

**b** (3,6)

**c** (5,5)

**11a** false

**b** false

**c** false

**12** 33 orbits

**13a** 66

**b** 29

**c** 21

**14a** £1.50

**b** £0.50

**c** £2.00

**15** -3°C

# CEM Select Mock 1 Answers



## Module 6 – Pictures

**Note:** Images are not labelled in the test paper, as they would not be labelled in the exam. For ease of marking, top left is a, top right is b, bottom left is c and bottom right is d.

- 1 a
- 2 b
- 3 a
- 4 c
- 5 b
- 6 b
- 7 d
- 8 c
- 9 b
- 10 c
- 11 d
- 12 b
- 13 a
- 14 a
- 15 d
- 16 c
- 17 b
- 18 d
- 19 c
- 20 d