

Part 1 — Complete the Words

In this task, you will read a short informational paragraph with missing letters in several academic words. Use the letters given, the context of the sentence, and your knowledge of word forms to complete each word. Write your full answer for each numbered blank; check your work against the Answer Key at the end of this document.

Exercise 1: Sleep and Memory

Scientists have long known that sleep pla____[1] a crucial role in memory consolidation. During deep sleep, the br____[2] replays the day's experiences, streng____[3]ening the neural connections that store new information. Rese____[4] has shown that people who sleep well after lear____[5] new material perform better on tests than those who stay awake. Interestingly, this proc____[6] appears to be most act____[7] during a stage called slow-wave sleep. Sleep depriv____[8] can therefore significantly imp____[9] a student's ability to ret____[10] information.

Exercise 2: Coral Reefs

Coral reefs are among the most biolog____[1]ally diverse ecosystems on Earth, providing hab____[2]at for thousands of marine species. However, rising ocean temperatures have caused wide____[3]read coral bleaching events in recent dec____[4]es. When water grows too warm, corals exp____[5] the colorful algae living

in their tissues, leaving beh____[6] a pale, weakened structure. Without these algae, corals lose their primary sou____[7]e of nutrients and become far more vulner____[8]e to disease. Marine biologists warn that unless global warming is contro____[9]ed soon, many reef systems could col____[10]e within decades.

Exercise 3: Renewable Energy

As concerns about clim____[1]ate change intensify, many countries are investing heavily in renewable en____[2]gy sources such as solar and wind power. Unlike fossil fuels, these tech____[3]ologies produce electricity without rele____[4]ing harmful greenhouse gases into the atmos____[5]ere. Gover____[6]ents often offer financial incentives to encou____[7]e households and businesses to install solar panels. Never____[8]ess, the transition to clean energy faces obst____[9]es, including the high initial cost of infrastr____[10]ure and the need for improved storage technology.

Exercise 4: Ancient Roman Roads

The ancient Romans const____[1]ucted an extensive network of roads that even____[2]ually stretched across three continents. These roads were built with remar____[3]able precision, using layers of gravel and stone to ens____[4]e durability. Many routes were desig____[5]ed primarily for military purposes,

allowing soldiers to move quickly between provinces. However, the roads also facilitated trade, enabling merchants to transport goods over long distances efficiently.

Exercise 5: Monarch Butterfly Migration

Every autumn, millions of monarch butterflies embark on an extraordinary journey spanning thousands of miles from Canada and the United States to central Mexico. Remarkably, no single butterfly completes the entire round trip; instead, it takes several generations to finish the cycle. Scientists believe monarchs navigate using a combination of the sun's position and the Earth's magnetic field. This delicate migration pattern is increasingly threatened by habitat loss and pesticide use.