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

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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,

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allo____[6]ing soldiers to move quickly between prov____[7]ces. However, the roads also facil____[8]ated trade, enabling merch___[9]s to transport goods over long dista___[10]es efficiently.

Exercise 5: Monarch Butterfly Migration

Every autumn, mill____[1]ns of monarch butterflies emb___[2]k on an extraordinary journey span_____[3]ing thousands of miles from Canada and the United States to central Mexico. Rema____[4]ably, no single butterfly comp____[5]tes the entire round trip; instead, it takes several gener_____[6]tions to finish the cycle. Scientists believe monarchs nav____[7]ate using a combin_____[8]tion of the sun's position and the Earth's magnetic field. This delic____[9]te migration pattern is increasingly threa_____[10]ened by habitat loss and pesticide use.

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