

# SAT Reading & Writing

## Form, Structure, and Sense 1

### Question # ID

- 1.1** 3580533b In recent years, economists around the world have created new tools that quantify the overall well-being of a country's citizens. Economists in India, for example, use an Ease of Living Index. This tool \_\_\_\_\_ economic potential, sustainability, and citizens' quality of life.
- Which choice completes the text so that it conforms to the conventions of Standard English?
- A. measures
  - B. had measured
  - C. would have measured
  - D. will have been measuring
- 1.2** b7363ba2 Mathematician and meteorologist Edward Lorenz used the metaphor of the "butterfly effect" to explain how seemingly minor events can have major impacts on future weather. According to Lorenz's metaphor, the wind from a butterfly flapping \_\_\_\_\_ in Brazil might eventually grow into a storm elsewhere across the globe.
- Which choice completes the text so that it conforms to the conventions of Standard English?
- A. its wings
  - B. its wings'
  - C. it's wing's
  - D. it's wings'
- 1.3** dbd78791 Led by Syrian American astronomer Shadia Habbal, the Solar Wind Sherpas are an intrepid team of scientists who travel the globe to study solar winds, the streams of particles emanating from the Sun that are only visible from certain locations during a total solar eclipse. When such an eclipse is imminent, the Sherpas pack up their telescopes and \_\_\_\_\_ ready.
- Which choice completes the text so that it conforms to the conventions of Standard English?
- A. get
  - B. had gotten
  - C. got
  - D. were getting
- 1.4** 77bf77cd Farouk El-Baz, a geologist and space scientist, \_\_\_\_\_ part of the team that selected the lunar landing sites for the Apollo program during the 1960s and 1970s.
- Which choice completes the text so that it conforms to the conventions of Standard English?
- A. are
  - B. was
  - C. have been
  - D. were
- 1.5** 57998dd3 Obsidian is a kind of volcanic glass formed when lava cools so quickly that the atoms inside it cannot arrange themselves in a crystalline structure. You \_\_\_\_\_ more about obsidian's structure, which is classified as amorphous, in a later chapter.
- Which choice completes the text so that it conforms to the conventions of Standard English?
- A. had learned
  - B. had been learning
  - C. will learn
  - D. have learned

# SAT Reading & Writing

## Form, Structure, and Sense 1

### Question # ID

- 1.6** db4e3819 Midway through her 1968 jazz album *A Monastic Trio*, Alice Coltrane switches instruments, swapping the piano for the harp. With the same fluid style that Coltrane was famous for on piano, she \_\_\_\_\_ her fingers across the harp strings and creates a radiant sound.
- Which choice completes the text so that it conforms to the conventions of Standard English?
- A. sweep
  - B. are sweeping
  - C. were sweeping
  - D. sweeps
- 1.7** d47bb0a4 Objects ranging from the Kikkoman soy sauce bottle to the Yamaha VMAX motorcycle to the Komachi bullet train \_\_\_\_\_ designed by twentieth-century industrial designer Kenji Ekuan.
- Which choice completes the text so that it conforms to the conventions of Standard English?
- A. was
  - B. is
  - C. has been
  - D. were
- 1.8** 69f031ab While exploring Nevada's Gypsum Cave in 1930, Seneca and Abenaki archaeologist Bertha Parker made her most famous discovery: the skull of a now-extinct ground sloth (*Nothrotheriops shastensis*) alongside human-made tools. Parker's crucial finding was the first \_\_\_\_\_ humans in North America as far back as 10,000 years ago.
- Which choice completes the text so that it conforms to the conventions of Standard English?
- A. places
  - B. placed
  - C. place
  - D. to place
- 1.9** f4fd123c The African Games Co-production Market, one of over 180 annual international conferences supporting video game development, \_\_\_\_\_ the growth of the African gaming industry by helping start-up studios in Africa find partners.
- Which choice completes the text so that it conforms to the conventions of Standard English?
- A. promote
  - B. are promoting
  - C. promotes
  - D. have promoted
- 1.10** b260c65a Earth is not a perfect sphere. Due to the \_\_\_\_\_ gravitational pull, Earth bulges out on the sides closest to and farthest from the Moon. This distorting pull is known as a tidal force, and it is responsible for the changes in water levels that are called high and low tides.
- Which choice completes the text so that it conforms to the conventions of Standard English?
- A. Moon's
  - B. Moons
  - C. Moons'
  - D. Moon

# SAT Reading & Writing

## Form, Structure, and Sense 1

### Question # ID

- 1.11** 7c48a6dd In the late 1960s, inspired in part by the sight of laundry hanging on a clothesline, African American abstract painter Sam Gilliam began to create his iconic "Drape" paintings. He applied bold, saturated hues to large canvases and \_\_\_\_\_ them from ceilings or walls, causing the drooping fabric to cascade in dramatic loops and curves.
- Which choice completes the text so that it conforms to the conventions of Standard English?
- A. to have suspended
  - B. suspending
  - C. to suspend
  - D. suspended
- 1.12** fff4c7f4 American poet Emily Dickinson wrote many of her poems on scraps of paper, but she also took steps to collect these works. From 1858 to around 1864, for example, she copied more than 800 of \_\_\_\_\_ into forty homemade booklets (known as fascicles).
- Which choice completes the text so that it conforms to the conventions of Standard English?
- A. them
  - B. this
  - C. that
  - D. it
- 1.13** e2759b92 Occupying a significant part of modern-day Nigeria, the Kingdom of Benin was one of the major powers in West Africa between the thirteenth and nineteenth centuries. It \_\_\_\_\_ ruled by Oba Ewuare I from 1440 to 1473.
- Which choice completes the text so that it conforms to the conventions of Standard English?
- A. is
  - B. will be
  - C. has been
  - D. was
- 1.14** 175df826 In the 2011 documentary *The Barber of Birmingham*, civil rights activist James Armstrong recounts how his barbershop in Birmingham, Alabama, \_\_\_\_\_ as a political hub for members of the Black community during the 1950s.
- Which choice completes the text so that it conforms to the conventions of Standard English?
- A. serving
  - B. having served
  - C. served
  - D. to serve
- 1.15** 31362d2d If simple sugars such as ribose and glycolaldehyde \_\_\_\_\_ Earth from elsewhere and survived impact—a possibility astrophysicist Nicolle Zellner outlined in a 2020 study—the sugars could have reacted with other molecules that were already present on the planet to form the nucleotides that are the structural components of RNA and DNA.
- Which choice completes the text so that it conforms to the conventions of Standard English?
- A. reach
  - B. had reached
  - C. will reach
  - D. are reaching

# SAT Reading & Writing

## Form, Structure, and Sense 1

### Question # ID

- 1.16** 1d971f75 Photographer Ansel Adams's landscape portraits are iconic pieces of American art. However, many of the \_\_\_\_\_ of landscapes were intended not as art but as marketing; a concessions company at Yosemite National Park had hired Adams to take pictures of the park for restaurant menus and brochures.
- Which choice completes the text so that it conforms to the conventions of Standard English?
- A. photographer's early photo's
  - B. photographers early photo's
  - C. photographer's early photos
  - D. photographers early photos
- 1.17** f40ca576 Each year in the fall, when the weather starts to cool in the northern hemisphere, millions of North American monarch butterflies journey south. Searching for food and warmer habitats, they \_\_\_\_\_ thousands of miles—from as far north as Canada all the way down to Mexico—on this annual migration.
- Which choice completes the text so that it conforms to the conventions of Standard English?
- A. flew
  - B. were flying
  - C. had flown
  - D. fly
- 1.18** 4c9a2aee Wanda Diaz-Merced is an astrophysicist who lost her sight when she was young. Diaz-Merced's condition inspired her to develop software that can translate scientific data into sound. Sound-based tools \_\_\_\_\_ scientists to detect subtle patterns in data. Such patterns may not be evident in traditional graphs.
- Which choice completes the text so that it conforms to the conventions of Standard English?
- A. has enabled
  - B. enable
  - C. is enabling
  - D. enables
- 1.19** 42cc9236 If you try on one of artist Nick Cave's signature Soundsuits, you can expect to swish, rustle, or clang every time you move. Cave makes his suits out of found objects, everything from ceramic birds to broken record players. He carefully considers the sound an object makes before using \_\_\_\_\_ in a suit.
- Which choice completes the text so that it conforms to the conventions of Standard English?
- A. this
  - B. that
  - C. these
  - D. it
- 1.20** 81ac953e In 1899, Swedish chemist Svante Arrhenius developed an equation to answer a long-standing question: why do chemical reactions speed up at higher temperatures? The Arrhenius equation, named for its creator, \_\_\_\_\_ an important concept in modern chemistry.
- Which choice completes the text so that it conforms to the conventions of Standard English?
- A. have remained
  - B. remain
  - C. remains
  - D. are remaining

# SAT Reading & Writing

## Form, Structure, and Sense 1

### Question # ID

- 1.21** ec08463d Botanists recognize over fifty different species of sunflower. One species, the silverleaf sunflower, \_\_\_\_\_ both an early-flowering ecotype that tends to grow in coastal areas and a late-flowering ecotype that grows inland.
- Which choice completes the text so that it conforms to the conventions of Standard English?
- A. having included
  - B. including
  - C. to include
  - D. includes
- 1.22** 4a90a978 In 1990, California native and researcher Ellen Ochoa left her position as chief of the Intelligent Systems Technology Branch at a NASA research center \_\_\_\_\_ the space agency's astronaut training program.
- Which choice completes the text so that it conforms to the conventions of Standard English?
- A. to join
  - B. is joining
  - C. joined
  - D. joins
- 1.23** 59e41600 Why are Rome's famous concrete structures, such as the Colosseum, still standing after 2,000-plus years, when modern concrete may not even last for fifty? Scientists \_\_\_\_\_ that the secret to Roman concrete's durability was its unique blend of ingredients, which included volcanic ash and seawater.
- Which choice completes the text so that it conforms to the conventions of Standard English?
- A. explain
  - B. having explained
  - C. explaining
  - D. to explain
- 1.24** 588887b9 In 1881, French chemist Camille Faure redesigned the rechargeable lead-acid battery. Faure's design greatly increased the amount of electricity that the original battery, which the French physicist Gaston Planté \_\_\_\_\_ fifteen years earlier, could hold.
- Which choice completes the text so that it conforms to the conventions of Standard English?
- A. is inventing
  - B. will invent
  - C. invents
  - D. had invented
- 1.25** 96e5da01 The alga species *Chlorella vulgaris* is very efficient at making oxygen. For this reason, scientists are currently exploring ways to use this species in space. *C. vulgaris* might be used, for example, to build future biological air exchange systems that \_\_\_\_\_ oxygen for astronauts.
- Which choice completes the text so that it conforms to the conventions of Standard English?
- A. are producing
  - B. produced
  - C. produce
  - D. have produced

# SAT Reading & Writing

## Form, Structure, and Sense 1

### Question # ID

- 1.26** 12bd5b75 With its towering, six-spired exterior of granitelike quartz monzonite, the Salt Lake Temple is one of the most instantly recognizable structures in the state of Utah. However, many people do not know that \_\_\_\_\_ built over the course of forty years, with construction beginning in 1853 and ending in 1893.
- Which choice completes the text so that it conforms to the conventions of Standard English?
- A. it was
  - B. one was
  - C. they were
  - D. both were
- 1.27** bd11fe93 Dr. Rocío Paola Caballero-Gill is a paleoceanographer. This means that Dr. Caballero-Gill doesn't just study oceans as they are today. She uses chemistry and fossil evidence \_\_\_\_\_ oceans as they were in the past.
- Which choice completes the text so that it conforms to the conventions of Standard English?
- A. has studied
  - B. to study
  - C. studied
  - D. studies
- 1.28** e92a7ad3 In the Inca Empire (1438–1533), ayllus \_\_\_\_\_ family clans that ranged in size from small groups to thousands of people.
- Which choice completes the text so that it conforms to the conventions of Standard English?
- A. is
  - B. was
  - C. has been
  - D. were
- 1.29** 94de423a In a rural area along the border between Oklahoma and Texas, amateur astronomers gather each year to observe the night sky at the Okie-Tex Star Party. Like most star parties, Okie-Tex takes place in an area with low light pollution, \_\_\_\_\_ dark skies and ideal stargazing conditions.
- Which choice completes the text so that it conforms to the conventions of Standard English?
- A. ensuring
  - B. this will ensure
  - C. ensures
  - D. it ensures
- 1.30** 5ad2a12c The First Folio, published in 1623, is the first collection of William Shakespeare's plays. The collection \_\_\_\_\_ 18 plays that might otherwise have been lost, such as *Julius Caesar* and *Macbeth*.
- Which choice completes the text so that it conforms to the conventions of Standard English?
- A. to be including
  - B. including
  - C. to include
  - D. includes

# SAT Reading & Writing

## Form, Structure, and Sense 1

### Question # ID

- 1.31** f339ee39 Multiple newspapers \_\_\_\_\_ the Spanish-speaking population of Washington, DC, including *El Tiempo Latino* and *Washington Hispanic*.
- Which choice completes the text so that it conforms to the conventions of Standard English?
- A. serve
  - B. having served
  - C. to serve
  - D. serving
- 1.32** a94b7fd6 With residents from Mexico, China, El Salvador, and many other countries, Los Angeles has long been a city of cultural diversity. Even back in the 1860s, nearly 30% of the city's population \_\_\_\_\_ from outside the United States.
- Which choice completes the text so that it conforms to the conventions of Standard English?
- A. is being
  - B. was
  - C. is
  - D. will be
- 1.33** f0f9bf8f Félix González-Torres debuted his sculpture "Untitled" (*USA Today*) in New York City in 1990. The work consists of piled candy, a material González-Torres became known for. \_\_\_\_\_ created additional installations using a variety of sweets, like bubblegum, lollipops, and chocolates.
- Which choice completes the text so that it conforms to the conventions of Standard English?
- A. They all
  - B. Those
  - C. Both
  - D. He
- 1.34** 0aebedf5 According to linguist Martin Joos, speakers of the English language \_\_\_\_\_ five main registers—frozen, formal, consultative, casual, and intimate—which they rotate between depending on the situation.
- Which choice completes the text so that it conforms to the conventions of Standard English?
- A. use
  - B. is using
  - C. uses
  - D. has used
- 1.35** e6f2dba6 According to the traditional RYB (red-yellow-blue) color model, yellow is a complementary color to purple. However, yellow \_\_\_\_\_ considered complementary to blue in modern color theory.
- Which choice completes the text so that it conforms to the conventions of Standard English?
- A. is
  - B. having been
  - C. to be
  - D. being

# SAT Reading & Writing

## Form, Structure, and Sense 1

### Question # ID

**1.36** 15d6d837 Literary agents estimate that more than half of all nonfiction books credited to a celebrity or other public figure are in fact written by ghostwriters, professional authors who are paid to write other \_\_\_\_\_ but whose names never appear on book covers.

Which choice completes the text so that it conforms to the conventions of Standard English?

- A. people's stories
- B. peoples story's
- C. peoples stories
- D. people's story's

**1.37** 3a35ddd1 Like other amphibians, the wood frog (*Rana sylvatica*) is unable to generate its own heat, so during periods of subfreezing temperatures, it \_\_\_\_\_ by producing large amounts of glucose, a sugar that helps prevent damaging ice from forming inside its cells.

Which choice completes the text so that it conforms to the conventions of Standard English?

- A. had survived
- B. survived
- C. would survive
- D. survives

**1.38** e31b0056 Mary Madden of Ohio \_\_\_\_\_ a fierce advocate of women's voting rights in the late 1800s. The dedication of Madden and her fellow activists was rewarded in 1920, when the Nineteenth Amendment to the US Constitution guaranteed American women the right to vote.

Which choice completes the text so that it conforms to the conventions of Standard English?

- A. are
- B. was
- C. have been
- D. were

**1.39** 1448f43f Unsupervised machine learning is an approach that computer scientists like Nina Miolane use to engineer artificial intelligence technologies. It involves training computer algorithms to organize unlabeled data sets. Multitask learning is another approach. \_\_\_\_\_ involves training computer models to perform multiple tasks at the same time.

Which choice completes the text so that it conforms to the conventions of Standard English?

- A. Those
- B. They
- C. It
- D. Some

**1.40** 97df6650 The village of Panduyacu in Ecuador \_\_\_\_\_ one of the rare places in the world located almost directly on the equator.

Which choice completes the text so that it conforms to the conventions of Standard English?

- A. are being
- B. have been
- C. is
- D. are