ID: 74ce2f05

A study led by scientist Rebecca Kirby at the University of Wisconsin–Madison found that black bears that eat human food before hibernation have increased levels of a rare carbon isotope, _____ due to the higher ¹³C levels in corn and cane sugar. Bears with these elevated levels were also found to have much shorter hibernation periods on average.

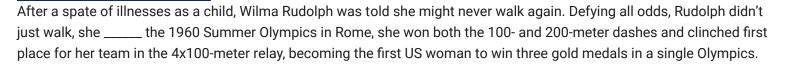
- A. carbon-13, (¹³C)
- B. carbon-13 (¹³C)
- C. carbon-13, (¹³C),
- D. carbon-13 (¹³C),

ID: 7f48b098

Photosynthesis, the mechanism by which plants use sunlight to turn carbon dioxide and water into	is fueled in part by
an enzyme called Photosystem II that harvests energy-giving electrons from water molecules.	
Which choice completes the text so that it conforms to the conventions of Standard English?	
which choice completes the text so that it comorns to the conventions of standard English:	

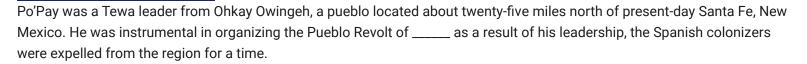
- A. nutrients
- B. nutrients and
- C. nutrients,
- D. nutrients-

ID: 0f39b19c



- A. ran-fast-during
- B. ran-fast during
- C. ran-fast, during
- D. ran-fast. During

ID: 083a35dc



- A. 1680
- B. 1680 and
- C. 1680,
- D. 1680, and

ID: be34a3df

In 2008, two years after the death of science fiction writer Octavia Butler, the Huntington Library in received a
collection of more than 8,000 items, including Butler's private notes, research materials, manuscripts, photos, and drawings.
Today, the Octavia E. Butler Collection is one of the most researched archives at the library.

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

- A. California,
- B. California:
- C. California-
- D. California

ID: 8f6d6ae6

Archaeologists have estimated that the pre-Columbian Native American city of Cahokia, located across the Mississippi River from modern-day St. Louis, Missouri, had as many as 20,000 inhabitants in the year 1150 _____ it one of the largest cities in North America at the time.

- A. CE making
- B. CE. Making
- C. CE, making
- D. CE; making

ID: 870ae7ec

Detroit natives Timothy Paule and Nicole Lindsey have combined their two passions, Detroit and beekeeping, to improve the health of their city's flowers and other vegetation. In 2017, the couple converted a vacant lot in the city into an _____ in the years that followed they acquired nine additional lots and established more than 35 hives.

- A. apiary,
- B. apiary, and
- C. apiary and
- D. apiary

ID: b0a525be

Santa Clara Pueblo artist Roxanne Swentzell's sculpture <i>Mud Woman Rolls On</i> consists of five human figures made of clar and plant fiber and arranged in descending size; each figure holds the smaller one in front of it. The arrangement of the figures, according to represents her idea that "we all come from the Earth, generation after generation."
Which choice completes the text so that it conforms to the conventions of Standard English?
A. Swentzell
B. Swentzell,
C. Swentzell:
D. Swentzell—

ID: eef91a50

Nine months before Rosa Parks made history by refusing to comply with the segregated seating policy on a Montgomery, Alabama, bus, a fifteen-year-old Montgomery girl named Claudette Colvin was arrested for the same _____ to some historians, Colvin's arrest led to Parks's action and eventually to the desegregation of Montgomery's bus system.

- A. offense. According
- B. offense, according
- C. offense according
- D. offense and according

ID: 2c84f96a

In 2017, artists Isabel and Ruben Toledo redesigned the costumes and sets for The Miami City Ballet's production of *The*_____ to reviewers, the Toledos' designs helped infuse the production with elements of Miami's Latin American culture.

- A. Nutcracker according,
- B. Nutcracker, according
- C. Nutcracker according
- D. Nutcracker. According

ID: 548f4956

t is generall	y true that technological change is a linear process, in which once-useful technologies are replaced by new and
oetter	the reawakening of interest in the steam engine (from advocates of carbon-neutral rail travel) reminds us that
ostensibly o	bsolete technologies may be brought back into service to address society's changing needs.

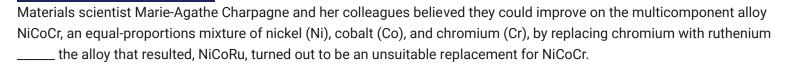
- A. ones, even so;
- B. ones even so,
- C. ones; even so,
- D. ones, even so,

ID: 67667d72

Humans were long th	lought to have begun occupying the Peruvian settlement of Machu Picchu between 1440 and 1450 CE.
However, a team led	by anthropologist Dr. Richard Burger used accelerator mass spectrometry to uncover evidence that it
was occupied	1420 CE, according to Burger, humans were likely inhabiting the area.

- A. earlier. In
- B. earlier, in
- C. earlier, which in
- D. earlier in

ID: b6560e5a



- A. (Ru)
- B. (Ru) but
- C. (Ru),
- D. (Ru), but

ID: 403d7bb5

D. falling

According to Naomi Nakayama of the University of Edinburgh, the reason seeds from a dying dandelion appear to float in the
air while is that their porous plumes enhance drag, allowing the seeds to stay airborne long enough for the wind to
disperse them throughout the surrounding area.

Which choice completes the text so that it conforms to the conventions of Standard English?	,
A. falling,	

B. falling:			
C. falling;			

ID: 6b49f5f1

In 1727, dramatist Lewis Theobald presented a new play, *Double Falsehood*, at a London theater. Theobald claimed that his drama was based on a little-known play by William Shakespeare, *Cardenio*. Many, including poet Alexander Pope, were ______historians have determined that Shakespeare's company did perform a play called *Cardenio* in 1613.

- A. skeptical but
- B. skeptical, but
- C. skeptical,
- D. skeptical

ID: 40c3589d

Luci Tapahonso is the inaugural poet laureate of the Navajo Nation. Her book <i>Sáanii Dahataal/The Women Are Singing</i> —a combination of fiction and memoir, poetry and serves as a testament to her versatility as a writer.
Which choice completes the text so that it conforms to the conventions of Standard English?
A. prose;
B. prose
C. prose,
D. prose—

ID: c8540a5b

Swedish scientists Eva Engvall and Peter Perlmann developed a method for measuring the concentration of different
proteins in a biological sample. Their ELISA (enzyme-linked immunosorbent assay), is used to detect and measure
proteins that indicate the presence of certain diseases.

- A. method (called
- B. method-called
- C. method, called
- D. method called

ID: c101fc44

How do scientists determine what foods were eaten by extinct hominins such as Neanderthals? In the past, researchers	;
were limited to studying the marks found on the fossilized teeth of skeletons, but in 2017 a team led by Laura Weyrich of	f the
Australian Centre for Ancient DNA tried something the DNA found in Neanderthals' fossilized dental plaque.	

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

A. new: sequencing

B. new; sequencing

C. new, sequencing:

D. new. Sequencing

ID: a427a52c

The Lion Light system, developed by Kenyan inventor Richard Turere, consists of LED lights installed around the perimeter of livestock pastures. Powered with _____ the blinking LEDs keep lions away at night, thus protecting the livestock without risking harm to the endangered lions.

- A. energy collected, by solar panels, during the day
- B. energy collected by solar panels during the day
- C. energy collected by solar panels during the day,
- D. energy, collected by solar panels during the day,

ID: c04e9136

The 2022 Nobel Prize in Chemistry was awarded to three pioneers in the field of click chemistry: two-time Nobel laureate	
Barry Sharpless, who coined the term "click chemistry" in 1998; Carolyn Bertozzi, founder of the Bertozzi Group at	and
Morten Meldal, a professor at the University of Copenhagen in Denmark.	

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

- A. Stanford
- B. Stanford,
- C. Stanford:
- D. Stanford;

ID: fe41f258

In ancient Greece, an Epicurean was a follower of Epicurus, a philosopher whose beliefs revolved around the pursuit of pleasure. Epicurus defined pleasure as "the absence of pain in the body and of trouble in the _____ that all life's virtues derived from this absence.

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

A. soul," positing

B. soul": positing

C. soul"; positing

D. soul." Positing