

1) Scientists at the Los Alamos National Laboratory have succeeded for the first time in mining heat from the Earth's interior and producing energy on a commercial scale, enough for efficient generation of electricity and heating factories and homes.

- A. and producing energy on a commercial scale, enough for efficient generation of electricity and heating
- B. and producing enough energy on a commercial scale for electricity to be generated efficiently and to heat
- C. for energy production on a commercial scale, enough for generating electricity efficiently and to heat
- D. to produce energy on a commercial scale, enough for generating electricity efficiently and for heating
- E. to produce enough energy on a commercial scale for efficient generation of electricity and heat

2) A recent and popular self-help book wryly notes that if adolescence was not so painful, it would have a droll comedic aspect, at least in retrospect.

- A. was not so painful, it
- B. was not so painful, they
- C. were not so painful, they
- D. were not so painful, it
- E. were not so painful, being one

3) It is as difficult to prevent crimes against property as those that are against a person.

(A) those that are against a

(B) those against a

(C) it is against a

(D) preventing those against a

(E) it is to prevent those against a

4) The administration has increased the number of fines for mining safety violations as part of their campaign to protect miners.

a)has increased the number of fines for mining safety violations as part of their

b)have increased the number of fines for mining safety violations as part of their

c)has increased the number of fines for mining safety violations as part of its

d)has increased the amount of fines for mining safety violations as part of its

e)have increased the amount of fines for mining safety violations as part of their

5) Modern producers, when they need reliable sources of original equipments and technologically advanced components to operate profitably, face increasingly difficult choices of owning the producers of these items, a practice known as backward integration and buying from independent manufacturers

A. Modern producers, when they need reliable sources of original equipments and technologically advanced components to operate profitably, face increasingly difficult choices of owning the producers of these items, a practice known as backward integration and buying from independent manufacturers

B. Modern producers, who need reliable sources of original equipments and technologically advanced components to operate profitably, face an increasingly difficult choice between owning the producers of these items, a practice known as backward integration, and buying from independent manufacturers

C. Modern producers, who need reliable sources of original equipments and technologically advanced components to operate profitably, face an increasingly difficult choice to either own the producers of these items, and to buy from independent manufacturers, a practice known as backward integration

D. Needing reliable sources of original equipment supplies, and technologically advanced components to operate profitably, modern producers facing an increasingly difficult choice of owning the producers of these items, and buying from independent manufacturers, a practice known as backward integration

E. Modern producers practice what is known as backward integration, when they need reliable sources of original equipment supplies and technologically advanced components to operate profitably, and to face an increasing and difficult choice of owning between the producers of these items and buying from independent manufacturers

6) His studies of ice-polished rocks in his Alpine homeland, far outside the range of present-day glaciers, led Louis Agassiz in 1837 to propose the concept of an age in which great ice sheets had existed in now currently temperate areas.

- (A) in which great ice sheets had existed in now currently temperate areas
- (B) in which great ice sheets existed in what are now temperate areas
- (C) when great ice sheets existed where there were areas now temperate
- (D) when great ice sheets had existed in current temperate areas
- (E) when great ice sheets existed in areas now that are temperate

8) Among lower-paid workers, union members are less likely than nonunion members to be enrolled in lower-end insurance plans imposing stricter limits on medical services and requiring doctors to see more patients, and spend less time with each.

- (A) imposing stricter limits on medical services and requiring doctors to see more patients, and spend
- (B) imposing stricter limits on medical services, requiring doctors to see more patients, and spending
- (C) that impose stricter limits on medical services, require doctors to see more patients, and spend
- (D) that impose stricter limits on medical services and require doctors to see more patients, spending
- (E) that impose stricter limits on medical services, requiring doctors to see more patients and spending

9) Young female ballet dancers and gymnasts sometimes fail to maintain good eating habits caused by the desire to be as thin as possible.

(A) Young female ballet dancers and gymnasts sometimes fail to maintain good eating habits caused by the desire to be as thin as possible.

(B) Good eating habits sometimes fail to be maintained by young female ballet dancers and gymnasts caused by desiring to be as thin as possible.

(C) Because they desire to be as thin as possible, good eating habits are sometimes not maintained by young female ballet dancers and gymnasts.

(D) Because they desire to be as thin as possible, young female ballet dancers and gymnasts sometimes fail to maintain good eating habits.

(E) Young female dancers and gymnasts sometimes fail to maintain good eating habits because they desire to be as thin as possible.

10 Horticulturists, who are known for growing the juiciest tomatoes, frequently use a method called cross-pollination, in part because certain features should be developed in their tomatoes and partly because cross-pollination produces results more quickly than does natural selection.

- (A) in part because certain features should be developed in their tomatoes
- (B) in part for the development of certain features in their tomatoes
- (C) partly because of their tomatoes developing certain features
- (D) partly because certain features should be developed in their tomatoes
- (E) partly to develop certain features in their tomatoes

11)Galileo's theory that ours was indeed a solar system, in which Earth and other planets revolve around the sun, reinforced those of Copernicus.

- (A) ours was indeed a solar system, in which Earth and other planets revolve around the sun, reinforced those of Copernicus
- (B) ours was indeed a solar system, in which Earth and other planets revolve around the sun, reinforced that of Copernicus
- (C) our solar system was indeed solar for Earth and the other planets revolve around the sun, reinforced Copernicus'
- (D) our system was indeed solar, in which Earth and other planets revolved around the sun, reinforced those of Copernicus
- (E) Earth and the other planets revolve around the sun in our solar system reinforces that of Copernicus

12) Retailers reported moderate gains in their November sales, as much because of their sales of a year earlier being so bad as that shoppers were getting a head start on buying their holiday gifts.

- 1) of their sales of a year earlier being so bad as that
- 2) of their sales a year earlier having been as bad as because
- 3) of their sales a year earlier being as bad as because
- 4) their sales a year earlier had been so bad as because
- 5) their sales of a year earlier were as bad as that

13) The category 1 to 5 rating known as the Saffir-Simpson Hurricane Scale provides an estimate of a hurricane's potential of destroying or damaging property, and is primarily determined from wind speed; a category 5 storm has wind speeds so high as to blow away small buildings, completely destroy mobile homes, and cause severe window and door damage.

A. of destroying or damaging property, and is primarily determined from wind speed; a category 5 storm has wind speeds so high as

B. to destroy or damage property, and is primarily determined from wind speed; a category 5 storm has wind speeds high enough

C. of destroying or damaging property, and is primarily determined by wind speed; a category 5 storm has wind speeds so high as

D. to destroy or damage property, and is primarily determined by wind speed; a category 5 storm has wind speeds high enough

E. to destroy or damage property, and is primarily determined by wind speed; a category 5 storm has wind speeds so high as

14) Researchers agreed that the study of new treatments for heart attack patients was extremely important but more research was needed to determine that balloon angioplasty preceded with ultrasound was or was not any better for heart attack patients than the balloon procedure by itself.

A. more research was needed to determine that balloon angioplasty preceded with ultrasound was or was not any better for heart attack patients than

B. more research was needed for determining whether or not balloon angioplasty preceded by ultrasound is any better for heart attack patients than is

C. that more research was needed to determine whether balloon angioplasty preceded by ultrasound is any better for heart attack patients than

D. that more research was needed to determine that balloon angioplasty preceded with ultrasound was any better for heart attack patients than

E. that more research was needed for determining that balloon angioplasty preceded by ultrasound is or is not any better for heart attack patients than is

15 Scientists have recently discovered what could be the largest and oldest living organism on Earth, a giant fungus that is an interwoven filigree of mushrooms and rootlike tentacles spawned by a single fertilized spore some 10,000 years ago and extending for more than 30 acres in the soil of a Michigan forest.

(A) extending

(B) extends

(C) extended

(D) it extended

(E) is extending

16) Before scientists learned how to make a synthetic growth hormone, removing it painstakingly in small amounts from the pituitary glands of human cadavers.

- A. scientists learned how to make a synthetic growth hormone, removing it painstakingly
- B. scientists had learned about making a synthetic growth hormone, they had to remove it painstakingly
- C. scientist learned how to synthesize the growth hormone, it had to be painstakingly removed
- D. learning how to make a synthetic growth hormone, scientists had to remove it painstakingly
- E. Learning how to synthesize the growth hormone, it have to be painstakingly removed by scientists

18) It was only after Katharine Graham became publisher of The Washington Post in 1963 that it moved into the first rank of American newspapers, and it was under her command that the paper won high praise for its unrelenting reporting of the Watergate scandal.

(A) It was only after Katharine Graham became publisher of The Washington Post in 1963 that it moved into the first rank of American newspapers, and it was under her command that the paper won high praise for its unrelenting reporting of the Watergate scandal.

(B) It was only after Katharin Graham's becoming publisher of The Wasington Post in 1963 that it moved into the first rank of American newspaper, and under her commandt it had won high praise

(C) Katharine Graham became publisher of The Washington Post in 1963, and only after that did it move into the first rank of American newspapers, having won high praise under her command

(D) Moving into the first rank of American newspaper only after Katharine Graham became its publisher in 1963, The Washington Post, winning high praise under her command

(E) Moving into the first rank of American newspapers only after Katharine Graham's becoming its publisher in 1963, The Washington Post won high praise under her command.

19) The defective thermometers will sometimes fail to register a fever when it is present and indicate that there is one when it is not.

a fever when it is present and indicate that there is one

a fever when it is present and indicate that one is present

when a fever is present and indicate that there is one

when a fever is present and indicates its presence

the presence of a fever when it is there and indicates its presence

20 Never before had the gardening crew harvested so many carrots at once as it had in the fall of 2006.

- A. so many carrots at once as it had in
- B. at once as many carrots as
- C. so many carrots at once as that it had gardened in
- D. as many carrots at once as it did in
- E. so many carrots at once as it did in

21) The documentary film An Inconvenient Truth has the distinction of being Hollywood's first carbon-neutral film: the filmmakers hired energy consultants to determine the movie's "carbon footprint" from production-related travel, clerical and office expenses, and where the cast and crew stayed on location and then offset the emissions they produced with renewable energy credits.

where the cast and crew stayed on location

the places where the cast and crew stayed on location

location accommodations for the cast and crew

the cast and crew's location accommodations

accommodating the cast and crew on location

22) The yield per acre of coffee berries varies enormously in that a single tree, depending on both its size and on climate and altitude, could produce enough berries to make between one and twelve pounds of dried beans a year.

A. enormously in that a single tree, depending on both its size and on climate and altitude, could produce

B. enormously in that a single tree, dependent on its size and also on climate and altitude, is able to produce

C. enormously, because a single tree, depending on its size and on climate and altitude, is able to produce

D. enormously, because a single tree, being dependent on its size, climate, and altitude, is capable of producing

E. enormously, because a single tree, dependent both on its size as well as on climate and altitude, could produce

23) During the last interglacial period, the climate on the Earth was warmer than it is today, and the consequent melting of the polar ice caps caused the sea level to raise about 60 feet over and above what its height presently is now.

- A. sea level to raise about 60 feet over and above what its height presently is now
- B. sea level to be raised over its height presently about 60 feet
- C. sea level to rise about 60 feet above its present height
- D. level of the seas to rise over and above its present height about 60 feet
- E. level of the seas to be raised over their height, now about 60 feet

24) Although the restaurant company has recently added many new restaurants across the country and its sales have increased dramatically, its sales at restaurants open for more than a year have declined.

- A. the restaurant company has recently added many new restaurants across the country and its sales have increased dramatically, its
- B. the restaurant company has recently added many new restaurants across the country and its sales increased dramatically, its
- C. many new restaurants have recently been opened across the country and its sales increased dramatically, the restaurant company's
- D. having recently added many new restaurants across the country and with its sales increasing dramatically, the restaurant company's
- E. recently adding many new restaurants across the country and having its sales increase dramatically, the restaurant company's

25) Past assessments of the Brazilian rain forest have used satellite images to tally deforested areas, where farmers and ranchers have clear-cut and burned all the trees, but such work has not addressed either logging, which is the removal of only selected trees, as well as surface fires, burning down individual trees but do not denude the forest.

- A. which is the removal of only selected trees, as well as surface fires, burning
- B. which removes only selected trees, or surface fires that burn
- C. which removes only selected trees, along with surface fires that burn
- D. removing only selected trees, or surface fires, burning
- E. removing only selected trees, as well as surface fires that burn

26) Because there are provisions of the new maritime code that provide that even tiny islets can be the basis for claims to the fisheries and oil fields of large sea areas. they have already stimulated international disputes over uninhabited islands.

(A) Because there are provisions of the new maritime code that provide that even tiny islets can be the basis for claims to the fisheries and oil fields of large sea areas, they have already stimulated

(B) Because the new maritime code provides that even tiny islets can be the basis for claims to the fisheries and oil fields of large sea areas, it has already stimulated

(C) Even tiny islets can be the basis for claims to the fisheries and oil fields of large sea areas under provisions of the new maritime code, already stimulating

(D) Because even tiny islets can be the basis for claims to the fisheries and oil fields of large sea areas under provisions of the new maritime code, this has already stimulated

(E) Because even tiny islets can be the basis for claims to the fisheries and oil fields of large sea areas under provisions of the new maritime code, which is already stimulating

27) In January 1994 an oil barge ran aground off the coast of San Juan, Puerto Rico, leaking its cargo of 750000 gallons into the ocean, while causing the pollution of the city's beaches.

- A) leaking its cargo of 750000 gallons into the ocean, while causing the pollution of
- B) with its cargo of its cargo of 750000 gallons leaking into the ocean, and it polluted
- C) and its cargo of its cargo of 750000 gallons leaked into the ocean, polluting
- D) while it leaked its cargo of 750000 gallons into the ocean and caused the pollution of
- E) so that its cargo of 750000 gallons leaked into the ocean, and they were polluting

28 According to a survey of graduating medical students conducted by the Association of American Medical Colleges, minority graduates are nearly four times more likely than are other graduates in planning to practice in socioeconomically deprived areas.

(A) minority graduates are nearly four times more likely than are other graduates in planning to practice

(B) minority graduates are nearly four times more likely than other graduates who plan on practicing

(C) minority graduates are nearly four times as likely as other graduates to plan on practicing

(D) it is nearly four times more likely that minority graduates rather than other graduates will plan to practice

(E) it is nearly four times as likely for minority graduates than other graduates to plan to practice

29) Archaeologists in Egypt have excavated a 5,000-year-old wooden hull that is the earliest surviving example of example of a “built” boat—in other words, a boat constructed out of planks fitted together—and that thus represents a major advance, in terms of boat-building technology, over the dugout logs and reed vessels of more ancient vintage.

- A. together—and that thus represents
- B. together—and this has represented
- C. together, and it represents
- D. together that was representing
- E. together to represent

30) Heightened land erosion, caused by human activity, has many negative effects including the following: algae blooms, coral reef destruction, imbalance of the fish population, and the introduction of harmful chemicals to the ocean's environment.

A) including the following: algae blooms, coral reef destruction, imbalance of the fish population, and the introduction of harmful chemicals to the ocean's environment.

B) including: algae blooms, coral reef destruction, imbalance of the fish population, and harmful chemicals entering the ocean's environment.

C) including: algae blooms, coral reef destruction, imbalance of the fish population, and the introduction of harmful chemicals to the ocean's environment.

D) including the following: algae blooms, coral reef destruction, imbalance of the fish population, and harmful chemicals entering the ocean's environment.

E) including the following: algae blooms, coral reef destruction, certain fish populations rising, certain fish populations falling, and the introduction of harmful chemicals to the ocean's environment.

31) Despite what was hoped, the introduction of a sixty-five mile per hour speed limit is reducing neither congestion on rural highways, or it is not contributing to save gas for trucking companies and less pollution from the decreased amount of time trucks spend on the road.

- A) reducing neither congestion on rural highways, or it is not contributing to save gas for trucking companies and less pollution
- B) reducing neither the congestion on rural highways nor is it contributing to lower gas costs for trucking companies, or to less polluting
- C) not reducing the congestion on rural highways nor is it contributing to save gas for trucking companies, and it is not lessening the pollution
- D) not reducing the congestion on rural highways, it is not contributing to savings on gas for trucking companies, it is less pollution
- E) not reducing congestion on rural highways, nor is it contributing to lower gas costs for truck companies or less pollution

32) Beatrix Potter, in her book illustrations, carefully coordinating them with her narratives, capitalized on her keen observation and love of the natural world.

- (A) Beatrix Potter, in her book illustrations, carefully coordinating them with her narratives,
- (B) In her book illustrations, carefully coordinating them with her narratives, Beatrix Potter
- (C) In her book illustrations, which she carefully coordinated with her narratives, Beatrix Potter
- (D) Carefully coordinated with her narratives, Beatrix Potter, in her book illustrations
- (E) Beatrix Potter, in her book illustrations, carefully coordinated them with her narratives and

33) Uninformed about students' experience in urban classrooms, critics often condemn schools' performance as gauged by an index, such as standardized test scores, that are called objective and can be quantified and overlook less measurable progress, such as that in higher-level reasoning.

A)an index, such as standardized test scores, that are called objective and can be quantified and overlook less measurable progress, such as that

B)an index, such as standardized test scores, that are called objective and can be quantified and overlook less measurable progress, such as what is made

C)an index, such as standardized test scores, that is called objective and can be quantified and overlook less measurable progress, such as what is made

D)a so-called objective index, such as standardized test scores, that can be quantified and overlook less measurable progress, such as what is made

E)a so-called objective index, such as standardized test scores, that is quantified and overlook less measurable progress, such as that

34 Artificial intelligence emerged during the late 1950's as an academic discipline based on the assumption that computers are able to be programmed to think like people.

- (A) are able to be programmed to think like people
- (B) were able to be programmed to think as people
- (C) can be programmed to think as people can
- (D) could be programmed to think like people
- (E) are capable of being programmed to think like people do

35) Last week local shrimpers held a news conference to take some credit for the resurgence of the rare Kemp's ridley turtle, saying that their compliance with laws requiring that turtle-excluder devices be on shrimp nets protect adult sea turtles.

- A. requiring that turtle-excluder devices be on shrimp nets protect
- B. requiring turtle-excluder devices on shrimp nets is protecting
- C. that require turtle-excluder devices on shrimp nets protect
- D. to require turtle-excluder devices on shrimp nets are protecting
- E. to require turtle-excluder devices on shrimp nets is protecting