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Vocabulary Builder Reference from...

Jean-François Bastin: What if there were 1 trillion more trees? | TED Talk

https://www.ted.com/talks/jean_francois_bastin_what_if_there_were_1_trillion_more_trees

All Words

IMPORTANT

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Session 1: Word List

standing

adj. existing or remaining upright; having a vertical position;
(noun) social, financial, or professional status or reputation

synonym : upright, vertical, (noun) position

(1) **standing** water, (2) his social **standing**

The **standing** concert was packed with fans.

planet

n. any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

synonym : earth, world, globe

(1) **planet** like the Earth, (2) save the **planet**

Mercury is the closest **planet** to the sun.

nickname

n. a familiar or humorous name given to a person or thing instead of or as well as the real name

synonym : moniker, sobriquet, handle

(1) endearing **nickname**, (2) **nickname** for a person

The team has a **nickname** for their star player: "The Ace."

giant

adj. enormous; much bigger or more important than similar items usually are

synonym : big, gigantic, huge

(1) **giant** trees, (2) **giant** tech company

The **giant** jets gradually dominate the world's airlines.

sequoia

n. a huge evergreen tree that is native to California and has a straight trunk and a narrow, conical crown, which is a type of redwood

synonym : redwood

(1) a giant **sequoia**, (2) **Sequoia** National Park

The **sequoia** tree is known for its massive size and long lifespan.

sequester

v. to take temporary possession of someone's property until a debt is paid.

synonym : isolate, set apart, segregate

(1) **sequester** ten percent of the annual carbon emissions,

(2) **sequester** myself from the world

He approved their requests to **sequester** the jury.

roughly

adv. approximately but not precisely; with a violent manner

synonym : approximately, more or less, around

(1) **roughly** explain my idea, (2) **roughly** speaking

Five miles is **roughly** similar to eight kilometers.

atmospheric

adj. about or located in the earth's atmosphere

synonym : atmospherical, climatic

(1) doubling of **atmospheric** carbon dioxide,

(2) **atmospheric** pressure

The sea surface temperature and **atmospheric** circulation are inextricably linked.

carbon

n. a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals

(1) **carbon** dioxide, (2) **carbon** emission

Trees absorb **carbon** dioxide and give off oxygen.

estimate

v. to guess or calculate the cost, size, value, etc. of something

synonym: calculate, gauge, evaluate

(1) **estimate** a fair value, (2) **estimate** this chicken to weigh three pounds

We **estimated** the season's total trade deficit at \$50 billion.

compete

v. to strive to achieve more success than someone or something

synonym: contend, contest, vie

(1) **compete** against a friend, (2) **compete** fiercely

You must **compete** with others to obtain this position.

climate

n. the weather in a particular location averaged over some long period

synonym: atmosphere, weather, environment

(1) a cold **climate**, (2) effects of **climate** change

Climate and weather have an impact on every part of our lifestyles.

steep

adj. having a sharp inclination or slope

synonym: sheer, precipitous, abrupt

(1) a **steep** staircase, (2) **steep** discount

The **steep** cliff made it difficult to climb.

fossil

n. any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock

synonym: relic, remnant, antediluvian

(1) burning of **fossil** fuels, (2) a **fossil** leaf

It was the **fossil** of a dinosaur tooth.

fuel

n. a substance that is typically burned to generate heat or energy

synonym: energy, power, gas

(1) biomass **fuel**, (2) smokeless **fuel**

The **fuel** scarcity most severely impacted the manufacturing sector

emission

n. the act of production or sending out gas, heat, light, etc.

synonym : emanation, radiation, discharge

(1) global **emissions** of greenhouse gases, (2) the **emission** of light

There are five distinct **emissions** at five unique wavelengths.

excess

n. an amount or quantity beyond what is acceptable, expected, or reasonable

synonym : exuberance, glut, surplus

(1) lose **excess** weight, (2) an **excess** of exports

The road of **excess** leads to the palace of wisdom.

atmosphere

n. the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work

synonym : air, ambiance, circumstances

(1) carbon dioxide in the **atmosphere**, (2) a convivial **atmosphere**

The spaceship began to burn up as it approached the Earth's **atmosphere**.

balance

n. a condition in which everything has the same weight or force; something left after other parts have been taken away

synonym : equilibrium, counterpoise, remainder

(1) the **balance** of power, (2) asset on the company's **balance** sheet

Try to keep a **balance** between work and off.

greenhouse

n. a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in

synonym : conservatory

(1) exotic plants in a **greenhouse**, (2) emissions of **greenhouse** gases

The **greenhouse** effect is a phenomenon that happens naturally.

consume

v. to spend something, especially fuel, energy, or time, in a large amount

synonym : absorb, ingest, use up

(1) **consume** a large of alcohol, (2) **consume** electricity

A smaller car will **consume** less fuel.

chemical

adj. relating to or connected with chemistry;

synonym : chemic, synthetic

(1) toxic **chemicals**, (2) a **chemical** compound

The firm has grown into a large **chemical** manufacturing.

reaction

n. a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others

synonym : response, reply, answer

(1) chemical **reaction**, (2) trigger a **reaction**

There was a chemical **reaction** of the lime with the groundwater.

photosynthesis

n. the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.

(1) oxygenic **photosynthesis**, (2) process of **photosynthesis**

In **photosynthesis**, plants use carbon dioxide to feed themselves.

process

n. a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

synonym : procedure, method, system

(1) **process** improvement, (2) decision-making **process**
The **process** for applying for a visa can be lengthy and complicated.

sunlight

n. the light emitted by the sun; the rays of the sun
synonym: daylight, rays, sunshine

(1) a glare of **sunlight**, (2) in direct **sunlight**
Radiation from **sunlight** has a different wavelength.

convert

v. to have a talk with someone; (adjective) reversed in order, relation, or action
synonym: alter, remake, transform

(1) **convert** fat into energy, (2) **convert** base 10 to base 16
I want to **convert** my sadness into strength.

oxide

n. a chemical compound that contains at least one oxygen atom and one other element

(1) silver **oxide**, (2) combined **oxide**
The blood's red coloring comes from iron **oxide**.

oxygen

n. the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live

(1) the hydrogen binds the **oxygen**, (2) lack of **oxygen**
The passenger grabbed for the **oxygen** mask.

carbohydrate

n. (also carb) any of a class of organic compounds that includes sugars, starch, and cellulose and are a principal source of energy in the diet of animals
synonym: sugar, starch, cellulose

(1) complex **carbohydrate**, (2) **carbohydrate** metabolism
Foods high in **carbohydrates** include bread, pasta, and rice.

reverse

v. to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear
synonym: overturn, shift, switch

(1) **reverse** the trend, (2) **reverse** the order
The restaurant **reversed** a ban on smoking.

respiration

n. the process of inhaling and exhaling air to exchange oxygen and carbon dioxide with the environment; the total of the physiological processes by which living organisms metabolize oxygen and release carbon dioxide

synonym: breathing, ventilation

(1) **respiration** rate, (2) artificial **respiration**

The doctor carefully monitored the patient's **respiration** during the surgery.

release

v. to set free or allow to escape from confinement

synonym: free, let go, discharge

(1) **release** a prisoner, (2) **release** CO₂ into the air

The animal rights group worked to **release** the dolphins back into the wild.

tissue

n. an ensemble of similar cells of the animal or plant that together carry out a specific function

synonym: structure, texture, anatomy

(1) a facial **tissue**, (2) loss of muscle **tissue**

The researcher separated the nervous **tissue** for microscopic examinations.

lifetime

n. the duration of someone's life or something's existence;

synonym: lifespan, duration

(1) **lifetime** benefits, (2) **lifetime** ban from the sport

She had lived through two world wars in her **lifetime**.

vault

n. a large room or chamber used for storage, often for valuables such as money, documents, or artwork; (verb) to leap or jump over something; to move quickly or suddenly

synonym: safe, strongbox, coffer

(1) **vault** door, (2) **vault** from five to fifty percent

The government **vault** contains top-secret documents and classified information that only a few individuals can access.

decay

n. the process or state of rotting or decomposition by natural causes such as the action of bacteria and fungi;
(verb) to rot or decompose through natural causes

synonym: corrosion, decomposition, deterioration

(1) radioactive **decay**, (2) prevent tooth **decay**

The dead body was in an advanced state of **decay**.

soil

n. the top layer of Earth in which plants grow

synonym: earth, ground, mud

(1) **soils** retentive of moisture, (2) parched **soil**

Soil moisture is another significant component controlling soil respiration.

eventually

adv. finally, particularly after a long time or a lot of struggle, complications, and so on

synonym: finally, someday, ultimately

(1) **eventually** become obsolete, (2) **eventually** succeed

The corporation **eventually** dominated the entire tobacco business.

seep

v. to flow or leak slowly and gradually through small openings or spaces; to ooze or trickle out gradually

synonym: leak, ooze, trickle

(1) **seep** cool and moist air, (2) **seep** into paper

The rain began to **seep** through the roof, causing damage to the walls and floors.

survive

v. to live or exist despite a dangerous event or period

synonym: endure, persist, stay

(1) **survive** a blizzard, (2) **survive** a plane crash

These birds can only **survive** in temperate climates.

reproduce

v. to make a copy of something such as a picture, piece of text, music, etc.; to produce offspring through a sexual or asexual process

synonym: duplicate, breed, imitate

(1) **reproduce** the painting, (2) **reproduce** by myself

By dividing and creating copies of themselves, bacteria **reproduce**.

criteria

n. (plural of criterion) standards or conditions by which something may be judged or decided

synonym: bars, benchmarks, standards

(1) **criteria** for action, (2) consistency **criteria**

He didn't meet all the **criteria**, but he was hired anyway.

scatter

v. to cause to separate and go in different directions

synonym: disperse, spread, bestrew

(1) **scatter** seeds, (2) **scatter** around the internet

The hunter's approach **scattered** the geese.

complexity

n. the state or quality of being complicated or intricate and difficult to understand

synonym: intricacy, sophistication, elaboration

(1) cognitive **complexity**, (2) **complexity** theory

The project's **complexity** made it difficult for the team to complete it on time.

thrive

v. to grow vigorously; to make steady progress

synonym: bloom, flourish, prosper

(1) **thrive** in a society, (2) **thrive** on pressure

Without investment, a business cannot **thrive**.

ecosystem

n. all the plants and living creatures in an area and the way they affect each other and the environment

(1) marine **ecosystem**, (2) change the **ecosystem**

Human conservation efforts often fail unexpectedly because they disturb the balance of the **ecosystem**.

sustainable

adj. able to continue or be continued for a long time

synonym : continuable, endurable, tolerable

(1) **sustainable** alternative fuel, (2) principles of **sustainable** development

The government should do more to support environmentally **sustainable** agriculture.

native

adj. connecting with or describing someone's birth country or place of birth, or someone born in a specific country or place

synonym : endemic, domestic, aboriginal

(1) **native** to Africa, (2) **native** language

The vegetation here is almost wholly **native**.

environment

n. the natural world such as air, water, and land in which humans, animals, and plants live

synonym : atmosphere, surroundings, climate

(1) **environment** affairs, (2) chaotic **environment**

Every human is responsible for taking care of the Earth's **environment**.

preliminary

adj. serving as a preparation for something more important or extensive; introductory; taking place before the main event or decision

synonym : initial, preparatory, introductory

(1) **preliminary** investigation, (2) **preliminary** agreement

Before starting the project, we need to go through some **preliminary** research and planning.

naturally

adv. as might be expected; by natural manners

synonym : by nature, inherently, intrinsically

(1) **naturally** arising, (2) **naturally** regenerated forest

He was **naturally** gifted.

diversity

n. the quality or fact of many different types of things or people being included in something; a range of different things or people

synonym: variety, multiplicity, variousness

(1) the **diversity** policy of the university, (2) lingual **diversity**
He was impressed by the range and **diversity** of the collection.

competition

n. a situation in which someone is attempting to beat or outperform another

synonym: contest, match, fight

(1) the first round of the **competition**, (2) intraspecific **competition**

Global **competition** is rising in virtually every industry.

resist

v. to refuse to accept something and attempt to prevent it from happening

synonym: fight, defy, revolt

(1) **resist** temptation, (2) **resist** being kissed

I chose to **resist** cancer by trying every possible treatment.

deplete

v. to reduce something, especially supplies of energy, money, etc., by a large amount; to use up resources or materials

synonym: exhaust, consume, use up

(1) **deplete** customer confidence, (2) **deplete** glycogen stores

If we continue to **deplete** the Earth's natural resources, we will cause severe damage to the environment.

numerous

adj. amounting to a large indefinite number

synonym: many, considerable, countless

(1) **numerous** countries, (2) as **numerous** as the sand

These descriptions are based on a number of **numerous** assumptions.

develop

v. to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being

created

synonym: evolve, progress, advance

(1) **develop** a strategy, (2) **develop** a skill

We must **develop** a new system to streamline our workflow and increase efficiency.

ripe

adj. (of fruit or crops) fully developed and ready to be eaten or harvested

synonym: mature, ready, developed

(1) a **ripe** old age, (2) **ripe** tomato

The fruit was **ripe** and ready to eat.

analyze

v. to think about in-depth and evaluate to discover essential features or meaning

synonym: explore, examine, investigate

(1) **analyze** a chemical compound, (2) **analyze** your real motives

The teacher attempted to **analyze** the root cause of our mistake.

satellite

n. an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.

synonym: orbiter, asteroid, moon

(1) a GPS **satellite**, (2) a meteorological **satellite**

Launching an artificial **satellite** contributed to the technological development of our country.

imagery

n. the use of words or pictures in books, photographs, paintings, etc., that produces pictures in the minds of people; the ability to form mental images of things or events

synonym: metaphors, symbolism, imaging

(1) visual **imagery**, (2) satellite **imagery**

This movie is famous for its romantic **imagery**.

combine

v. to join or merge to form a single thing or group

synonym: coalesce, cohere, blend

(1) **combine** chemically with another substance,

(2) **combine** augmented reality

Hydrogen and oxygen **combine** to form water.

exclude

v. to deny someone or something enter to a place or taking part in an activity

synonym: expel, ban, bar

(1) **exclude** a newcomer, (2) **exclude** all other possibilities

The cost for the trip **excludes** food and beverages.

determinant

n. a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

synonym: cause, factor, element

(1) environmental **determinant**, (2) a **determinant** of crop yields

One **determinant** of success is having a positive attitude and a strong work ethic.

hectare

n. a unit of area equal to 10,000 square meters

(1) **hectare** land, (2) housing per **hectare**

The farm spans over 100 **hectares** of land.

addition

n. the act or process of adding something to something else; the process of adding numbers

synonym: accumulation, expansion, addendum

(1) chemical **addition**, (2) **addition** of vectors

In **addition**, private corporations provide healthcare services.

trillion

n. the number 1,000,000,000,000; a million million

(1) **trillion** cubic feet, (2) many **trillions** of dollars

One light year is nearly 6 **trillion** miles.

staggering

adj. so shocking as to stun or overwhelm
synonym : astounding, astonishing, stunning

(1) **staggering** number, (2) a **staggering** defeat
The amount of money required was **staggering**.

communal

adj. belonging to or used by a group rather than individuals;
for common use

synonym : collaborative, combined, collective

(1) **communal** swimming pool, (2) **communal** combination
of funds

Communal elections were held in several European
countries.

prompt

v. to make someone decide to or try to do something, or to
make something happen

synonym : actuate, inspire, incite

(1) **prompt** a feeling of hunger, (2) **prompt** a debate

That incident **prompted** a nationwide chain reaction
regarding the crackdown on illegal groups.

cite

v. to refer to something such as a passage, book, etc. as
evidence for a theory or as a reason why something has
happened

synonym : quote, mention, note

(1) **cite** various authorities, (2) **cite** a fact as evidence

The devil can **cite** Scripture for his purpose.

conservative

adj. holding traditional views and values and opposed to
change or innovation

synonym : traditional, reactionary, cautious

(1) a **conservative** society, (2) **conservative** about
production

He always makes a **conservative** estimation when predicting
future sales.

remarkable

adj. worthy of attention because unusual or special

synonym : outstanding, exceptional, extraordinary

(1) **remarkable** achievement, (2) the **remarkable** breadth of knowledge

The election was a **remarkable** success for the Whigs.

rev

n. a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute

synonym : revolution, RPM, speed

(1) low- **rev** engine, (2) **rev** up the crowd

He stepped on the gas pedal, and the engine released a loud **rev**.

capture

v. to catch a person or an animal and confine them in an area which they cannot escape

synonym : catch, arrest, imprison

(1) **capture** a glimpse, (2) **capture** customers' hearts

I was able to **capture** the moment on film.

canopy

n. a covering, typically of fabric, supported on poles or suspended above a bed, throne, or other object, used to shelter or screen the person or object below it

synonym : cover, top, shade

(1) **canopy** layer, (2) under a **canopy** of smoke

The forest's **canopy** provides shade and protection for the plants and animals below.

insight

n. the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like

synonym : wisdom, discernment, understanding

(1) a profound **insight**, (2) share my **insights**

We gained various **insights** by analyzing the vast amount of data owned by the company.

aim

v. to try or plan to get or achieve something

synonym : aspire, direct, target

(1) **aim** at a specific target, (2) **aim** to be a nurse
We **aim** for an overseas expansion.

complicated

adj. involving a lot of different things or parts in a way that is difficult to understand or analyze

synonym: complex, convoluted, intricate

(1) a **complicated** process, (2) become increasingly **complicated**

He did **complicated** pen-and-ink drawings in just a few days.

incredibly

adv. in a way that is very difficult to believe; exceedingly or extremely

synonym: enormously, exceptionally, extraordinarily

(1) **incredibly** cheerful character, (2) get **incredibly** insecure

Several cities are experiencing **incredibly** high unemployment rates.

unclear

adj. poorly stated or described and therefore not easy to understand; not easy to perceive

synonym: ambiguous, fuzzy, obscure

(1) an **unclear** match, (2) in no **unclear** terms

It is important not to undertake tasks with **unclear** objectives to improve productivity.

intervention

n. the action or process of being done to improve or help a circumstance, often they have not been asked to do so

synonym: interference, intercession, treatment

(1) **intervention** by foreign powers, (2) surgical **intervention**

This **intervention** does not require the patient's consent.

unintended

adj. not planned or meant

synonym: accidental, unconsenting, involuntary

(1) **unintended** bias, (2) **unintended** misunderstanding

Excessive human interference in the global environment may

bring **unintended** consequences.

consequence

n. the outcome of a particular action or event, especially relative to an individual

synonym: result, impact, outcome

(1) unintended **consequences**, (2) the **consequence** of an argument

These economic activities had disastrous environmental **consequences**.

biochemical

adj. relating to the chemical processes and substances that occur within living organisms

synonym: molecular, biological

(1) **biochemical** reaction, (2) complex **biochemical**

Biochemical research is essential to understanding the complex chemical reactions in living organisms.

pace

n. the speed at which someone or something moves, or the rate at which something happens or changes

synonym: gait, rate, speed

(1) at your own **pace**, (2) the runner's **pace**

The economy is growing at a supercharged **pace**.

accelerate

v. to make something faster or earlier; to cause to develop or progress more quickly

synonym: speed up, quicken, rev

(1) **accelerate** a chemical reaction, (2) **accelerate** the car

The government tried to **accelerate** the commercialization of this development.

economy

n. the system by which a country or region produces, manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel

synonym: finance, trade, business

(1) **economy** of scale, (2) **economy** class

The **economy** of the country is struggling due to the recent political instability.

dam

n. a wall constructed over a river to block the flow of water, mainly used to generate energy

synonym : barricade, barrier, embankment

(1) **dam-building** program, (2) **dam** collapsing

The break in the **dam** threatened the valley.

confidence

n. the feeling or attitude that one can trust or rely on the abilities or good qualities of someone or something

synonym : self-trust, certainty, belief

(1) **confidence** as a teacher, (2) boost my **confidence**

Skill and **confidence** are an unconquered army.

rebuild

v. to build again or anew

synonym : reconstruct, renovate, restore

(1) **rebuild** a company, (2) **rebuild** communities

They are planning to **rebuild** the house after the fire.

demonstrate

v. to display something or give an exhibition to an interested audience

synonym : show, illustrate, display

(1) **demonstrate** a difference, (2) **demonstrate** mastery

How can you **demonstrate** that the earth is a sphere?

conviction

n. a strong belief or opinion, especially one that is based on principles or evidence; (criminal law) a final judgment of guilty in a criminal case and the punishment that is imposed

synonym : belief, certainty, faith

(1) moral **conviction**, (2) **conviction** for murder

She spoke with **conviction** about the importance of education.

modern

adj. of or belonging to the present time or recent times

synonym : contemporary, stylish, current

(1) **modern** poetry, (2) pre- **modern** agricultural society
Their headquarters are in a **modern** skyscraper.

titanic

adj. of or having a great size, power, or influence; of or relating to Titanium (= a light, strong grey, lustrous, corrosion-resistant metallic element)

synonym: colossal, massive, immense

(1) **titanic** battle, (2) **titanic** compound

The **titanic** ship sank on its maiden voyage.

Session 2: Spelling

1. as nu____us as the sand *adj.* amounting to a large indefinite number
2. pre____ry investigation *adj.* serving as a preparation for something more important or extensive; introductory; taking place before the main event or decision
3. co____e chemically with another substance *v.* to join or merge to form a single thing or group
4. na____e to Africa *adj.* connecting with or describing someone's birth country or place of birth, or someone born in a specific country or place
5. ca____e a glimpse *v.* to catch a person or an animal and confine them in an area which they cannot escape
6. at your own p__e *n.* the speed at which someone or something moves, or the rate at which something happens or changes
7. process of pho____sis *n.* the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.
8. a convivial atm____re *n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
9. va__t door *n.* a large room or chamber used for storage, often for valuables such as money, documents, or artwork; (verb) to leap or jump over something; to move quickly or suddenly

ANSWERS: 1. numerous, 2. preliminary, 3. combine, 4. native, 5. capture, 6. pace, 7. photosynthesis, 8. atmosphere, 9. vault

10. re____e the trend *v.* to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear
11. share my in____ts *n.* the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like
12. se____er ten percent of the annual carbon emissions *v.* to take temporary possession of someone's property until a debt is paid.
13. unintended con____ces *n.* the outcome of a particular action or event, especially relative to an individual
14. pr____s improvement *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
15. a st__p staircase *adj.* having a sharp inclination or slope
16. loss of muscle ti____e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
17. ex____e all other possibilities *v.* to deny someone or something enter to a place or taking part in an activity
18. a giant se____a *n.* a huge evergreen tree that is native to California and has a straight trunk and a narrow, conical crown, which is a type of redwood

ANSWERS: 10. reverse, 11. insight, 12. sequester, 13. consequence, 14. process, 15. steep, 16. tissue, 17. exclude, 18. sequoia

19. pl___t like the Earth *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
20. na___e language *adj.* connecting with or describing someone's birth country or place of birth, or someone born in a specific country or place
21. the ba_____e of power *n.* a condition in which everything has the same weight or force; something left after other parts have been taken away
22. lose ex___s weight *n.* an amount or quantity beyond what is acceptable, expected, or reasonable
23. an_____e your real motives *v.* to think about in-depth and evaluate to discover essential features or meaning
24. ec_____y of scale *n.* the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel
25. com_____ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
26. su_____e a blizzard *v.* to live or exist despite a dangerous event or period
27. become increasingly com_____ed *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze

ANSWERS: 19. planet, 20. native, 21. balance, 22. excess, 23. analyze, 24. economy, 25. complexity, 26. survive, 27. complicated

- | | |
|--|---|
| 28. principles of sus_____le development | <i>adj.</i> able to continue or be continued for a long time |
| 29. gi__t tech company | <i>adj.</i> enormous; much bigger or more important than similar items usually are |
| 30. su_____e a plane crash | <i>v.</i> to live or exist despite a dangerous event or period |
| 31. pr___t a debate | <i>v.</i> to make someone decide to or try to do something, or to make something happen |
| 32. moral con_____on | <i>n.</i> a strong belief or opinion, especially one that is based on principles or evidence; (criminal law) a final judgment of guilty in a criminal case and the punishment that is imposed |
| 33. many tr_____ons of dollars | <i>n.</i> the number 1,000,000,000,000; a million million |
| 34. ex_____e a newcomer | <i>v.</i> to deny someone or something enter to a place or taking part in an activity |
| 35. sc_____r around the internet | <i>v.</i> to cause to separate and go in different directions |
| 36. rem_____le achievement | <i>adj.</i> worthy of attention because unusual or special |
| 37. he_____e land | <i>n.</i> a unit of area equal to 10,000 square meters |
| 38. environmental det_____nt | <i>n.</i> a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result |

ANSWERS: 28. sustainable, 29. giant, 30. survive, 31. prompt, 32. conviction, 33. trillion, 34. exclude, 35. scatter, 36. remarkable, 37. hectare, 38. determinant

39. low-r_v engine *n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
40. global em_____ons of greenhouse gases *n.* the act of production or sending out gas, heat, light, etc.
41. a con_____ive society *adj.* holding traditional views and values and opposed to change or innovation
42. a glare of su_____ht *n.* the light emitted by the sun; the rays of the sun
43. visual im_____y *n.* the use of words or pictures in books, photographs, paintings, etc., that produces pictures in the minds of people; the ability to form mental images of things or events
44. r__e tomato *adj.* (of fruit or crops) fully developed and ready to be eaten or harvested
45. the di_____ty policy of the university *n.* the quality or fact of many different types of things or people being included in something; a range of different things or people
46. st_____ng water *adj.* existing or remaining upright; having a vertical position; (noun) social, financial, or professional status or reputation
47. the first round of the com_____on *n.* a situation in which someone is attempting to beat or outperform another
48. bio_____al reaction *adj.* relating to the chemical processes and substances that occur within living organisms

ANSWERS: 39. rev, 40. emission, 41. conservative, 42. sunlight, 43. imagery, 44. ripe, 45. diversity, 46. standing, 47. competition, 48. biochemical

49. decision-making pr_____s *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
50. carbon dioxide in the atm_____re *n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
51. a com_____ed process *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
52. intraspecific com_____on *n.* a situation in which someone is attempting to beat or outperform another
53. con_____ce as a teacher *n.* the feeling or attitude that one can trust or rely on the abilities or good qualities of someone or something
54. va__t from five to fifty percent *n.* a large room or chamber used for storage, often for valuables such as money, documents, or artwork; (verb) to leap or jump over something; to move quickly or suddenly
55. con_____on for murder *n.* a strong belief or opinion, especially one that is based on principles or evidence; (criminal law) a final judgment of guilty in a criminal case and the punishment that is imposed

ANSWERS: 49. process, 50. atmosphere, 51. complicated, 52. competition, 53. confidence, 54. vault, 55. conviction

56. r_v up the crowd *n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
57. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
58. cognitive com_____ty *n.* the state or quality of being complicated or intricate and difficult to understand
59. ca___y layer *n.* a covering, typically of fabric, supported on poles or suspended above a bed, throne, or other object, used to shelter or screen the person or object below it
60. ad_____on of vectors *n.* the act or process of adding something to something else; the process of adding numbers
61. de_____p a skill *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
62. consistency cr_____ia *n.* (plural of criterion) standards or conditions by which something may be judged or decided
63. re___t being kissed *v.* to refuse to accept something and attempt to prevent it from happening
64. chemical ad_____on *n.* the act or process of adding something to something else; the process of adding numbers

ANSWERS: 56. rev, 57. environment, 58. complexity, 59. canopy, 60. addition, 61. develop, 62. criteria, 63. resist, 64. addition

65. a GPS sa_____te *n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
66. eve_____ly become obsolete *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
67. re_____d communities *v.* to build again or anew
68. effects of cl_____e change *n.* the weather in a particular location averaged over some long period
69. endearing ni_____me *n.* a familiar or humorous name given to a person or thing instead of or as well as the real name
70. lack of ox_____n *n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
71. a_m at a specific target *v.* to try or plan to get or achieve something
72. car_____ate metabolism *n.* (also carb) any of a class of organic compounds that includes sugars, starch, and cellulose and are a principal source of energy in the diet of animals
73. c__e a fact as evidence *v.* to refer to something such as a passage, book, etc. as evidence for a theory or as a reason why something has happened
74. co_____e against a friend *v.* to strive to achieve more success than someone or something

ANSWERS: 65. satellite, 66. eventually, 67. rebuild, 68. climate, 69. nickname, 70. oxygen, 71. aim, 72. carbohydrate, 73. cite, 74. compete

75. combined ox__e *n.* a chemical compound that contains at least one oxygen atom and one other element
76. se_____er myself from the world *v.* to take temporary possession of someone's property until a debt is paid.
77. co_____e a large of alcohol *v.* to spend something, especially fuel, energy, or time, in a large amount
78. cr_____ia for action *n.* (plural of criterion) standards or conditions by which something may be judged or decided
79. ca_____e customers' hearts *v.* to catch a person or an animal and confine them in an area which they cannot escape
80. Se_____a National Park *n.* a huge evergreen tree that is native to California and has a straight trunk and a narrow, conical crown, which is a type of redwood
81. his social st_____ng *adj.* existing or remaining upright; having a vertical position; (noun) social, financial, or professional status or reputation
82. co_____al swimming pool *adj.* belonging to or used by a group rather than individuals; for common use
83. prevent tooth de__y *n.* the process or state of rotting or decomposition by natural causes such as the action of bacteria and fungi; (verb) to rot or decompose through natural causes
84. silver ox__e *n.* a chemical compound that contains at least one oxygen atom and one other element

ANSWERS: 75. oxide, 76. sequester, 77. consume, 78. criteria, 79. capture, 80. sequoia, 81. standing, 82. communal, 83. decay, 84. oxide

85. c__e various authorities *v.* to refer to something such as a passage, book, etc. as evidence for a theory or as a reason why something has happened
86. acc_____te the car *v.* to make something faster or earlier; to cause to develop or progress more quickly
87. oxygenic pho_____sis *n.* the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.
88. parched s__l *n.* the top layer of Earth in which plants grow
89. exotic plants in a gre_____se *n.* a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in
90. dem_____te a difference *v.* to display something or give an exhibition to an interested audience
91. ca___n dioxide *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
92. ni_____me for a person *n.* a familiar or humorous name given to a person or thing instead of or as well as the real name
93. chemical re_____on *n.* a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others

ANSWERS: 85. cite, 86. accelerate, 87. photosynthesis, 88. soil, 89. greenhouse, 90. demonstrate, 91. carbon, 92. nickname, 93. reaction

94. d_m-building program *n.* a wall constructed over a river to block the flow of water, mainly used to generate energy
95. a r__e old age *adj.* (of fruit or crops) fully developed and ready to be eaten or harvested
96. re____e CO2 into the air *v.* to set free or allow to escape from confinement
97. atm____ic pressure *adj.* about or located in the earth's atmosphere
98. co____t base 10 to base 16 *v.* to have a talk with someone; (adjective) reversed in order, relation, or action
99. the runner's p__e *n.* the speed at which someone or something moves, or the rate at which something happens or changes
100. pre-mo__n agricultural society *adj.* of or belonging to the present time or recent times
101. re____ce by myself *v.* to make a copy of something such as a picture, piece of text, music, etc.; to produce offspring through a sexual or asexual process
102. inc____ly cheerful character *adv.* in a way that is very difficult to believe; exceedingly or extremely
103. re____ce the painting *v.* to make a copy of something such as a picture, piece of text, music, etc.; to produce offspring through a sexual or asexual process
104. emissions of gre____se gases *n.* a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in

ANSWERS: 94. dam, 95. ripe, 96. release, 97. atmospheric, 98. convert, 99. pace, 100. modern, 101. reproduce, 102. incredibly, 103. reproduce, 104. greenhouse

105. st__p discount *adj.* having a sharp inclination or slope
106. es____te this chicken to weigh three pounds *v.* to guess or calculate the cost, size, value, etc. of something
107. co____al combination of funds *adj.* belonging to or used by a group rather than individuals; for common use
108. marine ec_____em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
109. th___e in a society *v.* to grow vigorously; to make steady progress
110. de_____e customer confidence *v.* to reduce something, especially supplies of energy, money, etc., by a large amount; to use up resources or materials
111. smokeless f__l *n.* a substance that is typically burned to generate heat or energy
112. under a ca___y of smoke *n.* a covering, typically of fabric, supported on poles or suspended above a bed, throne, or other object, used to shelter or screen the person or object below it
113. artificial res_____on *n.* the process of inhaling and exhaling air to exchange oxygen and carbon dioxide with the environment; the total of the physiological processes by which living organisms metabolize oxygen and release carbon dioxide
114. pre_____ry agreement *adj.* serving as a preparation for something more important or extensive; introductory; taking place before the main event or decision

ANSWERS: 105. steep, 106. estimate, 107. communal, 108. ecosystem, 109. thrive, 110. deplete, 111. fuel, 112. canopy, 113. respiration, 114. preliminary

115. s__ls retentive of moisture *n.* the top layer of Earth in which plants grow
116. save the pl___t *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
117. de____p a strategy *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
118. in no un____r terms *adj.* poorly stated or described and therefore not easy to understand; not easy to perceive
119. the rem____le breadth of knowledge *adj.* worthy of attention because unusual or special
120. co____t fat into energy *v.* to have a talk with someone; (adjective) reversed in order, relation, or action
121. housing per he____e *n.* a unit of area equal to 10,000 square meters
122. re____d a company *v.* to build again or anew
123. uni____ed bias *adj.* not planned or meant
124. the hydrogen binds the ox___n *n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
125. asset on the company's ba____e sheet *n.* a condition in which everything has the same weight or force; something left after other parts have been taken away

ANSWERS: 115. soil, 116. planet, 117. develop, 118. unclear, 119. remarkable, 120. convert, 121. hectare, 122. rebuild, 123. unintended, 124. oxygen, 125. balance

126. a profound in_____t *n.* the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like
127. an_____e a chemical compound *v.* to think about in-depth and evaluate to discover essential features or meaning
128. tr_____on cubic feet *n.* the number 1,000,000,000,000; a million million
129. sus_____le alternative fuel *adj.* able to continue or be continued for a long time
130. the em_____on of light *n.* the act of production or sending out gas, heat, light, etc.
131. a facial ti_____e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
132. ti_____c compound *adj.* of or having a great size, power, or influence; of or relating to Titanium (= a light, strong grey, lustrous, corrosion-resistant metallic element)
133. radioactive de__y *n.* the process or state of rotting or decomposition by natural causes such as the action of bacteria and fungi; (verb) to rot or decompose through natural causes
134. th___e on pressure *v.* to grow vigorously; to make steady progress
135. d_m collapsing *n.* a wall constructed over a river to block the flow of water, mainly used to generate energy

ANSWERS: 126. insight, 127. analyze, 128. trillion, 129. sustainable, 130. emission, 131. tissue, 132. titanic, 133. decay, 134. thrive, 135. dam

136. co_____e fiercely *v.* to strive to achieve more success than someone or something
137. get inc_____ly insecure *adv.* in a way that is very difficult to believe; exceedingly or extremely
138. ca____n emission *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
139. surgical int_____ion *n.* the action or process of being done to improve or help a circumstance, often they have not been asked to do so
140. ec_____y class *n.* the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel
141. complex bio_____al *adj.* relating to the chemical processes and substances that occur within living organisms
142. con_____ive about production *adj.* holding traditional views and values and opposed to change or innovation
143. re_____e the order *v.* to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear
144. change the ec_____em *n.* all the plants and living creatures in an area and the way they affect each other and the environment

ANSWERS: 136. compete, 137. incredibly, 138. carbon, 139. intervention, 140. economy, 141. biochemical, 142. conservative, 143. reverse, 144. ecosystem

145. a ch____al compound *adj.* relating to or connected with chemistry;
146. a_m to be a nurse *v.* to try or plan to get or achieve something
147. res_____on rate *n.* the process of inhaling and exhaling air to exchange oxygen and carbon dioxide with the environment; the total of the physiological processes by which living organisms metabolize oxygen and release carbon dioxide
148. s__p into paper *v.* to flow or leak slowly and gradually through small openings or spaces; to ooze or trickle out gradually
149. acc_____te a chemical reaction *v.* to make something faster or earlier; to cause to develop or progress more quickly
150. eve_____ly succeed *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
151. boost my con_____ce *n.* the feeling or attitude that one can trust or rely on the abilities or good qualities of someone or something
152. in direct su_____ht *n.* the light emitted by the sun; the rays of the sun
153. int_____ion by foreign powers *n.* the action or process of being done to improve or help a circumstance, often they have not been asked to do so
154. toxic ch_____als *adj.* relating to or connected with chemistry;
155. li_____me benefits *n.* the duration of someone's life or something's existence;

ANSWERS: 145. chemical, 146. aim, 147. respiration, 148. seep, 149. accelerate, 150. eventually, 151. confidence, 152. sunlight, 153. intervention, 154. chemical, 155. lifetime

156. nu____us countries *adj.* amounting to a large indefinite number
157. mo____n poetry *adj.* of or belonging to the present time or recent times
158. dem____te mastery *v.* to display something or give an exhibition to an interested audience
159. pr____t a feeling of hunger *v.* to make someone decide to or try to do something, or to make something happen
160. an ex____s of exports *n.* an amount or quantity beyond what is acceptable, expected, or reasonable
161. co____e electricity *v.* to spend something, especially fuel, energy, or time, in a large amount
162. satellite im____y *n.* the use of words or pictures in books, photographs, paintings, etc., that produces pictures in the minds of people; the ability to form mental images of things or events
163. a sta____ng defeat *adj.* so shocking as to stun or overwhelm
164. chaotic env____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
165. lingual di____ty *n.* the quality or fact of many different types of things or people being included in something; a range of different things or people
166. uni____ed misunderstanding *adj.* not planned or meant
167. na____ly arising *adv.* as might be expected; by natural manners

ANSWERS: 156. numerous, 157. modern, 158. demonstrate, 159. prompt, 160. excess, 161. consume, 162. imagery, 163. staggering, 164. environment, 165. diversity, 166. unintended, 167. naturally

168. es_____te a fair value *v.* to guess or calculate the cost, size, value, etc. of something
169. complex car_____ate *n.* (also carb) any of a class of organic compounds that includes sugars, starch, and cellulose and are a principal source of energy in the diet of animals
170. sc_____r seeds *v.* to cause to separate and go in different directions
171. a meteorological sa_____te *n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
172. co_____e augmented reality *v.* to join or merge to form a single thing or group
173. gi__t trees *adj.* enormous; much bigger or more important than similar items usually are
174. the con_____ce of an argument *n.* the outcome of a particular action or event, especially relative to an individual
175. li_____me ban from the sport *n.* the duration of someone's life or something's existence;
176. de_____e glycogen stores *v.* to reduce something, especially supplies of energy, money, etc., by a large amount; to use up resources or materials
177. re____t temptation *v.* to refuse to accept something and attempt to prevent it from happening
178. na_____ly regenerated forest *adv.* as might be expected; by natural manners

ANSWERS: 168. estimate, 169. carbohydrate, 170. scatter, 171. satellite, 172. combine, 173. giant, 174. consequence, 175. lifetime, 176. deplete, 177. resist, 178. naturally

179. doubling of atm_____ic carbon dioxide *adj.* about or located in the earth's atmosphere
180. a det_____nt of crop yields *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
181. burning of fo___l fuels *n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
182. sta_____ng number *adj.* so shocking as to stun or overwhelm
183. biomass f___l *n.* a substance that is typically burned to generate heat or energy
184. ti_____c battle *adj.* of or having a great size, power, or influence; of or relating to Titanium (= a light, strong grey, lustrous, corrosion-resistant metallic element)
185. trigger a re_____on *n.* a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others
186. re_____e a prisoner *v.* to set free or allow to escape from confinement
187. a fo___l leaf *n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
188. a cold cl_____e *n.* the weather in a particular location averaged over some long period
189. an un_____r match *adj.* poorly stated or described and therefore not easy to understand; not easy to perceive

ANSWERS: 179. atmospheric, 180. determinant, 181. fossil, 182. staggering, 183. fuel, 184. titanic, 185. reaction, 186. release, 187. fossil, 188. climate, 189. unclear

190. ro____y explain my idea

adv. approximately but not precisely; with a violent manner

191. ro____y speaking

adv. approximately but not precisely; with a violent manner

192. s__p cool and moist air

v. to flow or leak slowly and gradually through small openings or spaces; to ooze or trickle out gradually

ANSWERS: 190. roughly, 191. roughly, 192. seep

Session 3: Fill in the Blanks

1. It is important not to undertake tasks with _____ objectives to improve productivity.
adj. poorly stated or described and therefore not easy to understand; not easy to perceive
2. _____ elections were held in several European countries.
adj. belonging to or used by a group rather than individuals; for common use
3. The researcher separated the nervous _____ for microscopic examinations.
n. an ensemble of similar cells of the animal or plant that together carry out a specific function
4. One light year is nearly 6 _____ miles.
n. the number 1,000,000,000,000; a million million
5. The spaceship began to burn up as it approached the Earth's _____.
n. the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
6. Try to keep a _____ between work and off.
n. a condition in which everything has the same weight or force; something left after other parts have been taken away
7. He did _____ pen-and-ink drawings in just a few days.
adj. involving a lot of different things or parts in a way that is difficult to understand or analyze

ANSWERS: 1. unclear, 2. Communal, 3. tissue, 4. trillion, 5. atmosphere, 6. balance, 7. complicated

8. Several cities are experiencing _____ high unemployment rates.
adv. in a way that is very difficult to believe; exceedingly or extremely
9. There are five distinct _____ at five unique wavelengths.
n. the act of production or sending out gas, heat, light, etc.
10. Skill and _____ are an unconquered army.
n. the feeling or attitude that one can trust or rely on the abilities or good qualities of someone or something
11. They are planning to _____ the house after the fire.
v. to build again or anew
12. Every human is responsible for taking care of the Earth's _____.
n. the natural world such as air, water, and land in which humans, animals, and plants live
13. The _____ jets gradually dominate the world's airlines.
adj. enormous; much bigger or more important than similar items usually are
14. The _____ cliff made it difficult to climb.
adj. having a sharp inclination or slope
15. Human conservation efforts often fail unexpectedly because they disturb the balance of the _____.
n. all the plants and living creatures in an area and the way they affect each other and the environment
16. There was a chemical _____ of the lime with the groundwater.
n. a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others

ANSWERS: 8. incredibly, 9. emissions, 10. confidence, 11. rebuild, 12. environment, 13. giant, 14. steep, 15. ecosystem, 16. reaction

17. That incident _____ a nationwide chain reaction regarding the crackdown on illegal groups.
- v. to make someone decide to or try to do something, or to make something happen
18. The restaurant _____ a ban on smoking.
- v. to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear
19. The team has a _____ for their star player: "The Ace."
- n. a familiar or humorous name given to a person or thing instead of or as well as the real name
20. If we continue to _____ the Earth's natural resources, we will cause severe damage to the environment.
- v. to reduce something, especially supplies of energy, money, etc., by a large amount; to use up resources or materials
21. The passenger grabbed for the _____ mask.
- n. the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
22. The firm has grown into a large _____ manufacturing.
- adj. relating to or connected with chemistry;
23. The _____ scarcity most severely impacted the manufacturing sector
- n. a substance that is typically burned to generate heat or energy
24. The _____ of the country is struggling due to the recent political instability.
- n. the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel

ANSWERS: 17. prompted, 18. reversed, 19. nickname, 20. deplete, 21. oxygen, 22. chemical, 23. fuel, 24. economy

25. This _____ does not require the patient's consent.
- n.* the action or process of being done to improve or help a circumstance, often they have not been asked to do so
26. The doctor carefully monitored the patient's _____ during the surgery.
- n.* the process of inhaling and exhaling air to exchange oxygen and carbon dioxide with the environment; the total of the physiological processes by which living organisms metabolize oxygen and release carbon dioxide
27. The rain began to _____ through the roof, causing damage to the walls and floors.
- v.* to flow or leak slowly and gradually through small openings or spaces; to ooze or trickle out gradually
28. The government tried to _____ the commercialization of this development.
- v.* to make something faster or earlier; to cause to develop or progress more quickly
29. He approved their requests to _____ the jury.
- v.* to take temporary possession of someone's property until a debt is paid.
30. These economic activities had disastrous environmental _____.
- n.* the outcome of a particular action or event, especially relative to an individual
31. A smaller car will _____ less fuel.
- v.* to spend something, especially fuel, energy, or time, in a large amount
32. In _____ private corporations provide healthcare services.
- n.* the act or process of adding something to something else; the process of adding numbers

ANSWERS: 25. intervention, 26. respiration, 27. seep, 28. accelerate, 29. sequester, 30. consequences, 31. consume, 32. addition,

33. The _____ tree is known for its massive size and long lifespan.
- n.* a huge evergreen tree that is native to California and has a straight trunk and a narrow, conical crown, which is a type of redwood
34. The forest's _____ provides shade and protection for the plants and animals below.
- n.* a covering, typically of fabric, supported on poles or suspended above a bed, throne, or other object, used to shelter or screen the person or object below it
35. This movie is famous for its romantic _____.
- n.* the use of words or pictures in books, photographs, paintings, etc., that produces pictures in the minds of people; the ability to form mental images of things or events
36. One _____ of success is having a positive attitude and a strong work ethic.
- n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
37. Excessive human interference in the global environment may bring _____ consequences.
- adj.* not planned or meant
38. Without investment, a business cannot _____.
- v.* to grow vigorously; to make steady progress
39. You must _____ with others to obtain this position.
- v.* to strive to achieve more success than someone or something
40. The teacher attempted to _____ the root cause of our mistake.
- v.* to think about in-depth and evaluate to discover essential features or meaning

ANSWERS: 33. sequoia, 34. canopy, 35. imagery, 36. determinant, 37. unintended, 38. thrive, 39. compete, 40. analyze

41. The election was a _____ success for the Whigs.
adj. worthy of attention because unusual or special
42. Global _____ is rising in virtually every industry.
n. a situation in which someone is attempting to beat or outperform another
43. The economy is growing at a supercharged _____.
n. the speed at which someone or something moves, or the rate at which something happens or changes
44. We _____ the season's total trade deficit at \$50 billion.
v. to guess or calculate the cost, size, value, etc. of something
45. The _____ effect is a phenomenon that happens naturally.
n. a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in
46. The break in the ____ threatened the valley.
n. a wall constructed over a river to block the flow of water, mainly used to generate energy
47. The project's _____ made it difficult for the team to complete it on time.
n. the state or quality of being complicated or intricate and difficult to understand
48. I was able to _____ the moment on film.
v. to catch a person or an animal and confine them in an area which they cannot escape
49. The farm spans over 100 _____ of land.
n. a unit of area equal to 10,000 square meters

ANSWERS: 41. remarkable, 42. competition, 43. pace, 44. estimated, 45. greenhouse, 46. dam, 47. complexity, 48. capture, 49. hectares

50. The _____ ship sank on its maiden voyage.

adj. of or having a great size, power, or influence; of or relating to Titanium (= a light, strong grey, lustrous, corrosion-resistant metallic element)

51. The sea surface temperature and _____ circulation are inextricably linked.

adj. about or located in the earth's atmosphere

52. He didn't meet all the _____ but he was hired anyway.

n. (plural of criterion) standards or conditions by which something may be judged or decided

53. Five miles is _____ similar to eight kilometers.

adv. approximately but not precisely; with a violent manner

54. He stepped on the gas pedal, and the engine released a loud _____.

n. a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute

55. The road of _____ leads to the palace of wisdom.

n. an amount or quantity beyond what is acceptable, expected, or reasonable

56. The dead body was in an advanced state of _____.

n. the process or state of rotting or decomposition by natural causes such as the action of bacteria and fungi; (verb) to rot or decompose through natural causes

57. The animal rights group worked to _____ the dolphins back into the wild.

v. to set free or allow to escape from confinement

ANSWERS: 50. titanic, 51. atmospheric, 52. criteria, 53. roughly, 54. rev, 55. excess, 56. decay, 57. release

58. Launching an artificial _____ contributed to the technological development of our country.
- n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
59. The devil can _____ Scripture for his purpose.
- v.* to refer to something such as a passage, book, etc. as evidence for a theory or as a reason why something has happened
60. The government _____ contains top-secret documents and classified information that only a few individuals can access.
- n.* a large room or chamber used for storage, often for valuables such as money, documents, or artwork; (verb) to leap or jump over something; to move quickly or suddenly
61. _____ moisture is another significant component controlling soil respiration.
- n.* the top layer of Earth in which plants grow
62. Trees absorb _____ dioxide and give off oxygen.
- n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
63. These descriptions are based on a number of _____ assumptions.
- adj.* amounting to a large indefinite number
64. Before starting the project, we need to go through some _____ research and planning.
- adj.* serving as a preparation for something more important or extensive; introductory; taking place before the main event or decision

ANSWERS: 58. satellite, 59. cite, 60. vault, 61. Soil, 62. carbon, 63. numerous, 64. preliminary

65. It was the _____ of a dinosaur tooth.

- n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock

66. The corporation _____ dominated the entire tobacco business.

- adv.* finally, particularly after a long time or a lot of struggle, complications, and so on

67. The _____ concert was packed with fans.

- adj.* existing or remaining upright; having a vertical position; (noun) social, financial, or professional status or reputation

68. Foods high in _____ include bread, pasta, and rice.

- n.* (also carb) any of a class of organic compounds that includes sugars, starch, and cellulose and are a principal source of energy in the diet of animals

69. We must _____ a new system to streamline our workflow and increase efficiency.

- v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

70. These birds can only _____ in temperate climates.

- v.* to live or exist despite a dangerous event or period

71. _____ and weather have an impact on every part of our lifestyles.

- n.* the weather in a particular location averaged over some long period

72. The blood's red coloring comes from iron _____.

- n.* a chemical compound that contains at least one oxygen atom and one other element

ANSWERS: 65. fossil, 66. eventually, 67. standing, 68. carbohydrates, 69. develop, 70. survive, 71. Climate, 72. oxide

73. We gained various _____ by analyzing the vast amount of data owned by the company.
- n.* the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like
74. He was impressed by the range and _____ of the collection.
- n.* the quality or fact of many different types of things or people being included in something; a range of different things or people
75. Their headquarters are in a _____ skyscraper.
- adj.* of or belonging to the present time or recent times
76. I chose to _____ cancer by trying every possible treatment.
- v.* to refuse to accept something and attempt to prevent it from happening
77. The _____ for applying for a visa can be lengthy and complicated.
- n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
78. The fruit was _____ and ready to eat.
- adj.* (of fruit or crops) fully developed and ready to be eaten or harvested
79. Hydrogen and oxygen _____ to form water.
- v.* to join or merge to form a single thing or group
80. The amount of money required was _____.
- adj.* so shocking as to stun or overwhelm

ANSWERS: 73. insights, 74. diversity, 75. modern, 76. resist, 77. process, 78. ripe, 79. combine, 80. staggering

81. How can you _____ that the earth is a sphere?

v. to display something or give an exhibition to an interested audience

82. He always makes a _____ estimation when predicting future sales.

adj. holding traditional views and values and opposed to change or innovation

83. The vegetation here is almost wholly _____.

adj. connecting with or describing someone's birth country or place of birth, or someone born in a specific country or place

84. By dividing and creating copies of themselves, bacteria _____.

v. to make a copy of something such as a picture, piece of text, music, etc.; to produce offspring through a sexual or asexual process

85. I want to _____ my sadness into strength.

v. to have a talk with someone; (adjective) reversed in order, relation, or action

86. She had lived through two world wars in her _____.

n. the duration of someone's life or something's existence;

87. She spoke with _____ about the importance of education.

n. a strong belief or opinion, especially one that is based on principles or evidence; (criminal law) a final judgment of guilty in a criminal case and the punishment that is imposed

88. The government should do more to support environmentally _____ agriculture.

adj. able to continue or be continued for a long time

ANSWERS: 81. demonstrate, 82. conservative, 83. native, 84. reproduce, 85. convert, 86. lifetime, 87. conviction, 88. sustainable

89. He was _____ gifted.

adv. as might be expected; by natural manners

90. The hunter's approach _____ the geese.

v. to cause to separate and go in different directions

91. The cost for the trip _____ food and beverages.

v. to deny someone or something enter to a place or taking part in an activity

92. _____ research is essential to understanding the complex chemical reactions in living organisms.

adj. relating to the chemical processes and substances that occur within living organisms

93. Radiation from _____ has a different wavelength.

n. the light emitted by the sun; the rays of the sun

94. In _____ plants use carbon dioxide to feed themselves.

n. the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.

95. We ___ for an overseas expansion.

v. to try or plan to get or achieve something

96. Mercury is the closest _____ to the sun.

n. any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

ANSWERS: 89. naturally, 90. scattered, 91. excludes, 92. Biochemical, 93. sunlight, 94. photosynthesis, 95. aim, 96. planet

ANSWERS: