

Englist.me



Vocabulary Builder Reference from...

Brent Loken: Can we create the "perfect" farm? | TED Talk

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

All Words

IMPORTANT

This material is a commentary and does not contain any copyrighted material of the reference source. We strongly recommend accessing/buying the reference source at the same time.

Session 1: Word List

agriculture

n. the practice or science of cultivating the land or raising stock

synonym: farming, husbandry, agribusiness

(1) organic **agriculture**, (2) intensive **agriculture**

Agriculture is the foundation of our economy.

revolution

n. a large-scale attempt to overthrow the government of a country, often using violence or war;

synonym: coup, innovation, rebellion

(1) beginning of the industrial **revolution**, (2) a political **revolution**

The **revolution** by the citizen resulted in a redistribution of wealth.

settle

v. to reach an agreement of disagreement

synonym: inhabit, occupy, decide

(1) **settle** a dispute, (2) **settle** down in the town

I don't want to **settle** for second best.

approximately

adv. close to a specific number or time but not exactly that number or time

synonym: about, around, roughly

(1) **approximately** 3 feet long, (2) **approximately** same

This trail takes **approximately** 2.5 hours.

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.

farmland

n. land used for farming or agricultural purposes

synonym: agriculture, cropland

(1) **farmland** acreage, (2) fertile **farmland**

The government is encouraging farmers to expand their **farmland** to increase food production.

puzzle

n. a situation that is difficult to follow or solve; a game, problem, or toy that tests a person's ingenuity or knowledge; (verb) to cause someone to feel confused because of something difficult to understand

synonym: plight, maze, (verb) perplex

(1) crossword **puzzle**, (2) mathematical **puzzle**

This jigsaw **puzzle** is challenging because there are no pictures.

diet

n. the food and drink that a person, animal, or community eats and drinks regularly; a legislative assembly in certain countries, for example, Japan

synonym: food, dietary

(1) eat a vegetarian **diet**, (2) **Diet** approval

A balanced **diet** is more important for health than supplements.

expansion

n. the process of becoming larger or more extensive, or the result of this process

synonym: growth, enlargement, development

(1) industrial **expansion**, (2) **expansion** project

The company is undergoing an **expansion**, opening new

locations in several states.

exploitation

n. the process of making some area of land or water more profitable or productive or useful

synonym: victimization, development, using

(1) sexual **exploitation**, (2) the **exploitation** of fossil resources

Strategic **exploitation** of cutting-edge technology would be a sure formula for success.

expense

n. the money, time, or effort incurred or required for something

synonym: cost, expenditure, outlay

(1) enormous **expenses**, (2) **expense** account

For this project to be successful, we must control **expenses** strictly.

wildlife

n. animals, birds, insects, etc. that grow independently of people and live in natural conditions

(1) **wildlife** sanctuary, (2) bird and other **wildlife**

The conservation area has an abundance of **wildlife**.

destabilize

v. to cause something to become less stable or secure

synonym: unsettle, disrupt, upset

(1) **destabilize** the market, (2) **destabilize** a good relationship

The political crisis **destabilized** the country and caused widespread turmoil.

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.

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.

stable

adj. firm and steady; not easily moved, disturbed, or changed

synonym : sturdy, unmoving, durable

(1) in **stable** condition, (2) have a **stable** job

Relations between the two countries have been relatively **stable** due to the summit meeting.

predictable

adj. capable of being known, seen or declared in advance

synonym : foreseeable, expectable, likely

(1) **predictable** pattern, (2) in a **predictable** manner

The economy becomes more volatile and less **predictable**.

expand

v. to increase or to make something greater in size, number, or importance

synonym : extend, grow, boost

(1) **expand** a lineup, (2) **expand** agricultural output

They hope to **expand** their business worldwide.

undermine

v. to make someone or something less powerful, less effective, weaker gradually; to make someone's fame, confidence, or authority less effective or weaker gradually

synonym : damage, subvert, weaken

(1) **undermine** a good relationship, (2) **undermine** their adversary's reputation

They tried to **undermine** her position by slandering her.

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**.

biodiversity

n. the number and variety of plants and animals that exist in a particular area or the world and make a balanced environment

(1) **biodiversity** conservation, (2) loss of **biodiversity**

The country was instrumental in promoting the **biodiversity** treaty.

conserve

v. to protect something, especially the natural environment or culture, from change, damage, or destruction

synonym: preserve, save, maintain

(1) means to **conserve** energy, (2) **conserve** coal resources

Children must be taught to **conserve** our natural environment.

pollution

n. the introduction of harmful substances or waste into the natural environment that causes adverse change

synonym: corrosion, deterioration, corruption

(1) environmental **pollution**, (2) high levels of air **pollution**

The **pollution** is endangering the local plants and animals.

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.

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.

drone

n. a low continuous humming noise; someone who takes more time than necessary; a pilot-less aerial vehicle that is operated by remote control

synonym : hum, whirr, idler

(1) **drone** flight, (2) the speaker's **drone**

He heard a **drone** of sirens roar from the neighboring town.

fleet

n. a group of military ships, aircraft, etc., operating together under the same ownership; (adjective) moving very fast

synonym : armada, flotilla, (adjective) speedy

(1) **fleet** of foot, (2) a **fleet** horse

We destroyed a **fleet** of 70 enemy ships.

monitor

v. to observe, check, and track the progress or quality of something over a period of time

synonym : proctor, check, observe

(1) **monitor** an exam, (2) **monitor** the data carefully

They used a special receiver to **monitor** police radio channels.

crop

n. a plant that is cultivated in large amounts, particularly for food

synonym : output, produce, product

(1) **crop** field, (2) **crop** herbicide

Sow early for an early **crop**.

haphazard

adj. marked by a lack of order, system, or coherence; characterized by randomness or chance without any guiding principle or plan

synonym : random, careless, arbitrary

(1) **haphazard** approach, (2) **haphazard** design

The company's hiring process was **haphazard**, with no objective criteria or standards.

engineer

n. a person whose job is designing, building, or maintaining something such as machines, structures, or software

synonym : architect, creator, builder

(1) a civil **engineer**, (2) **engineer** shortage

The **engineer** will repair my telephone tomorrow morning.

intertwine

v. to twist together or become twisted together

synonym : interweave, interlace, entwine

(1) **intertwine** thread, (2) **intertwine** story

The vines **intertwine** to form a thick canopy overhead.

livestock

n. farm animals and birds such as cows, sheep, and chickens

synonym : cattle, oxen, herd

(1) **livestock** agriculture, (2) **livestock** industry

Livestock feed is made from fodder crops.

conventional

adj. based on or following traditional rules, standards, customs, etc.

synonym : ancestral, customary, established

(1) a **conventional** style, (2) get a **conventional** loan

She is very **conventional** in her thoughts.

swath

n. a strip of land, especially a long, narrow one; a large amount or quantity of something

synonym : strip, band, fodder

(1) a large **swath** of territory, (2) a **swath** of green grass

The charity organization has helped to provide education to a vast **swath** of the population.

eradicate

v. to get rid of or destroy something completely, especially something bad

synonym : destroy, eliminate, exterminate

(1) **eradicate** the deficit, (2) **eradicate** racial discrimination
We are trying to **eradicate** this disease from the world.

emit

v. to give off or send out something such as light, heat, sound, gas, etc.

synonym: give off, radiate, expel

(1) **emit** a gamma ray, (2) **emit** air pollution

During the unloading, the container box **emits** a clicking sound.

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.

damage

v. to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity

synonym: harm, impair, injure

(1) **damage** a relationship, (2) **damage** assessment

During the surgery, the doctor had to be extremely cautious not to **damage** a blood vessel.

fertilizer

n. a natural or chemical substance added to soil to make plants grow more successfully

synonym: manure

(1) a chemical **fertilizer**, (2) nonsynthetic **fertilizer**

Nitrogen fixation by the Haber-Bosch method leads to the mass production of **fertilizers**.

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.

sensor

n. a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner

synonym : detector

(1) motion **sensor** lighting, (2) an image **sensor**

This automatic door could no longer be opened due to a **sensor** failure.

nutrient

n. any substance that is essential for the maintenance and growth of living things

synonym : food, vitamin

(1) **nutrient** medicine, (2) a **nutrient** for hair

They used fast-acting **nutrients** on the flowers in the flower beds.

unnecessary

adj. not needed or required; not essential or important

synonym : redundant, extra, superfluous

(1) **unnecessary** expense, (2) **unnecessary** hassle

The extra steps in the process were deemed **unnecessary** and removed to streamline production.

nuance

n. a subtle or slight degree of difference in appearance, meaning, sound, someone's feeling, etc.

synonym : shading, refinement, subtlety

(1) rich in **nuance**, (2) subtle cultural **nuance**

The painter has tried to express every **nuance** of the woman's expression in his work.

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**.

increasingly

adv. more and more

synonym : more and more, progressively

(1) **increasingly** become common, (2) face **increasingly** complicated challenges

Our company found it **increasingly** difficult to keep up with the competition.

adopt

v. to choose to follow something; to legally take a child from another family and care for them as if they were one's own

synonym : accept, assume, take on

(1) **adopt** a child, (2) **adopt** a bill

The national assembly has **adopted** the budget.

tropical

adj. originating in, located in, or characteristic of the tropics

synonym : equatorial, tropic

(1) **tropical** cyclones, (2) **tropical** islands

Tropical storm Marco is making his way along the coast of Florida.

contribute

v. to give something, especially money or goods, to provide or achieve something together with other people

synonym : donate, devote, commit

(1) **contribute** a large sum of money to the fund,

(2) **contribute** to society

Government workers cannot **contribute** to political campaigns.

pollination

n. the transfer of pollen from the male reproductive organs of one flower to the female reproductive organs of another flower, resulting in fertilization and the production of seeds

synonym : flowering, fertilization, cross-fertilization

(1) **pollination** by insect, (2) the cross- **pollination** of the arts

The **pollination** process is crucial for the growth and

reproduction of many plants.

pest

n. a destructive insect or other animals that are harmful to crops, animals, or humans; someone or something that is annoying or troublesome

synonym: nuisance, problem, annoyance

(1) **pest** control, (2) a **pest** of bean plants

The gardener used natural methods to keep **pests** away from her plants.

insect

n. any small creature that has six legs and a body divided into three sections

(1) **insect** antenna, (2) **insect** biology

These **insects** are more prevalent above a certain latitude.

attract

v. to draw or entice someone or something towards them through the qualities they have, especially positive ones

synonym: lure, entice, draw in

(1) **attract** attention, (2) **attract** customers

The government is eager to **attract** international investment.

statistics

n. the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data

(1) **statistics** for cancer, (2) official **statistics**

The **statistics** demonstrate that poverty and unemployment are genuine problems.

rancher

n. a person who owns, manages, or works on a ranch, especially one that is used for raising or grazing livestock

synonym: cowboy, farmer, herder

(1) **rancher's** wife, (2) traditional **rancher**

The local grocery store carried meat sourced from the **rancher's** farm.

cattle

n. cows, bulls, and buffalos that are raised for their milk or meat as farm animals

synonym : cows, herd, oxen

(1) **cattle** barn, (2) **cattle** hide

The **cattle** are on the grassland and grazing.

grassland

n. a large area of land covered mainly by grass, with few or no trees, and typically used for grazing livestock

synonym : meadow, plain, savanna

(1) endangered **grassland**, (2) vast **grassland**

Meadows and pastures are examples of smaller-scale **grasslands** in many parts of the world.

compose

v. to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it

synonym : compile, constitute, build

(1) **compose** an essay, (2) **compose** my thoughts

The structure is **composed** of three main components.

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**.

protein

n. a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues

(1) stress **protein**, (2) **protein** synthesis

The body needs a certain amount of **protein** to build and repair tissues.

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.

dramatically

adv. in a very impressive manner

synonym : greatly, noticeably, suddenly

(1) he confessed **dramatically**, (2) the cabin pressure fell **dramatically**

Life expectancy has grown **dramatically** this century.

staple

adj. essential, crucial, or regularly used

synonym : essential, fundamental, pivotal

(1) **staple** commodities, (2) **staple** crop

Rice and beans are a **staple** food in many cultures.

livelihood

n. a means of earning money people need to pay for food, a place to live, clothing, etc.

synonym : occupation, living, income

(1) a means of **livelihood**, (2) **livelihood** assistance

I could no longer earn my own **livelihood**.

flood

n. a large amount of water flowing beyond its normal limits; an overwhelming number or amount

synonym : deluge, downpour, overflow

(1) **flood** advisory, (2) a **flood** of questions

These heavy rains caused flash **floods** on several islands.

paddy

n. a flooded field where rice is grown, also known as a rice paddy; rice that is still in its husk, harvested from marshy fields called paddies, usually in Asia

synonym : rice field, wetland

(1) **paddy** farming, (2) **paddy** production

The sight of the **paddy** fields swaying in the wind was breathtaking.

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.

methane

n. a chemical compound with the chemical formula CH₄ with no smell or color, often used as a fuel

(1) atmospheric **methane**, (2) reduce **methane** emissions

The ignition of **methane** gas in the plant killed five employees.

experiment

n. the scientific test conducted to observe what happens and gain new knowledge

synonym: experimentation, investigation

(1) **experiment** design, (2) series of **experiments**

His **experiments** showed highly positive results.

strain

n. a force or pressure that stretches or pulls something, sometimes causing damage; (biology) a group of organisms within a species that differ in trivial ways from similar groups

synonym: pressure, tension, breed

(1) **strain** our eyes, (2) a **strain** of bacillus

Dictators of the past often had the erroneous idea of a pure racial **strain**.

irrigate

v. to supply water to land to help plants grow

synonym: water, drench, soak

(1) **irrigate** fields, (2) **irrigate** the flowers and plants

The water shortage in the region has made it difficult for farmers to **irrigate** their crops.

labor

n. productive work, especially physical work done for wages; the people who do manual or physical work in a country or company for wage; (verb) to work hard or to strive and make an effort to reach a goal

synonym: toil, toil, donkeywork

(1) seasonal **labor**, (2) manual **labor**

In several countries, child **labor** is a serious social problem.

intensive

adj. involving a lot of work or activity in a short time

synonym: thorough, comprehensive, in-depth

(1) **intensive** agriculture, (2) **intensive** care

The construction industry is labor **intensive**, although it has been somewhat automated by introducing large machinery.

yield

n. the total output of crops, profits, etc. that are produced;
(verb) to produce or supply helpful something, such as a profit, an amount of food, or information

synonym: proceeds, harvest, output

(1) corn **yield**, (2) the **yield** on the bond

The company's stock gives a high **yield**.

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.

invest

v. to put money, effort, time, etc. into something to make a profit or achieve a result

synonym: fund, sponsor, support

(1) **invest** in stocks, (2) **invest** capital

The government should view children as national assets and actively **invest** in them.

specific

adj. clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

synonym: particular, definite, distinct

(1) **specific** instructions, (2) industry- **specific** regulations

The scientist conducted a study that provided **specific** details about the species' behavior.

improve

v. to make or become better

synonym: enhance, ameliorate, enrich

(1) **improve** a process, (2) **improve** the test score

We want to **improve** ties between our two countries.

quarter

n. one of four equal parts; a fourth part or portion
synonym : fourth, one-fourth

(1) a **quarter** mile, (2) end of the first **quarter**

The unemployment rate in the first **quarter** was 2.3 percentage points higher than in the previous.

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.

deforestation

n. the act of cutting down or burning trees in a large area
synonym : clear-cutting, desertification

(1) **deforestation** of the tropics, (2) the lowest **deforestation** rate

Large-scale **deforestation** also has a significant impact on marine ecosystems in the area.

resilient

adj. able to withstand or recover quickly from difficult conditions

synonym : robust, sturdy, tough

(1) a hard and **resilient** steel, (2) **resilient** population

She is a **resilient** person and has always bounced back from setbacks.

sector

n. a distinct part or division of something often used to refer to a segment of an economy or industry; an area or field of work or activity

synonym : division, department, branch

(1) industrial **sector**, (2) private **sector**

The technology **sector** is constantly evolving and innovating.

harvest

n. yields of plants in a single growing season; the period of the year when gathering occurs on a farm

synonym : crop, reaping, yield

(1) a scanty **harvest**, (2) reap a **harvest**

During **harvest**, farmers are incredibly busy.

infrastructure

n. the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies

synonym: foundation, framework

(1) IT **infrastructure**, (2) **infrastructure** cost

Aging societies tend to require huge costs for **infrastructure** maintenance.

implement

v. to put a decision, plan, or system into effect

synonym: execute, enforce, put through

(1) **implement** a corporate strategy, (2) **implement** security measures

The government promised to **implement** a new system to control the financial crisis.

solar

adj. of, from, or relating to the sun

(1) the **solar** system, (2) a **solar** eclipse

Solar panels have greatly improved not only in performance but also in durability.

storage

n. the act or process of putting in and keeping something in a particular place for use in the future; an electronic memory device that can store information

synonym: storehouse, depository, warehousing

(1) a **storage** battery, (2) **storage** at low temperature

We store customer data in cloud **storage**.

capsule

n. a small, enclosed container often used for holding medicines or supplements or for transporting payloads in spacecraft; a small, elongated structure within the body, such as a joint or a gland

(1) space **capsule**, (2) medical **capsule**

The **capsule** hotel room may be small but it has all the

necessary amenities.

rural

adj. of or relating to the countryside

synonym : agrarian, country, rustic

(1) **rural** accents, (2) people in **rural** areas

Many **rural** areas are still impoverished.

preserve

v. to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed

synonym : conserve, care for, maintain

(1) **preserve** my strength, (2) **preserve** a country's heritage

They worked hard to **preserve** the nature of their native lands.

viable

adj. capable of being done as intended; able to succeed

synonym : feasible, possible, attainable

(1) achieve a **viable** relationship, (2) develop a **viable** therapy

Male gorillas with good drumming skills are more **viable**.

chain

n. a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle

synonym : series, string, link

(1) **chain** reaction, (2) supply **chain**

The **chain** on my bike broke, leaving me stranded.

technological

adj. based on scientific and industrial progress

synonym : specialized, technical

(1) **technological** advancement, (2) **technological** policy

Technological advances have disrupted many industries.

revolutionize

v. to bring about a complete or radical change in something, often through the introduction of new methods or ideas

synonym : transform, innovate, modernize

(1) **revolutionize** the industry, (2) **revolutionize** the technology

The invention of the smartphone **revolutionized** the way we communicate with each other.

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.

amplify

v. to enhance something, particularly sound or brightness
synonym: intensify, boost, argument

(1) **amplify** a signal, (2) **amplify** the effect

You might need to **amplify** this point.

conservation

n. the protection of something important, such as the natural environment or artificial structures, especially from the damaging effects of human activity

synonym: preservation, protection, saving

(1) soil **conservation**, (2) the **conservation** law of physics

The forest was recently designated a **conservation** area.

oriented

adj. referring to someone or something that is focused or directed toward a particular goal or objective; organized around a specific principle or approach

synonym: aligned, directed, focused

(1) **oriented** graph, (2) technology- **oriented**

The company is very customer- **oriented** and strives to provide excellent service.

vision

n. the ability to think about or see the future with imagination and intelligence; the faculty of being able to see

synonym: sight, image, concept

(1) a prodigious **vision**, (2) telescopic **vision**

Driving is difficult for me because of my poor **vision**.

shift

n. a slight transition in position, direction, or trend
synonym: transition, change, modification

(1) Doppler **shift**, (2) major paradigm **shift**

Could you help me **shift** some furniture?

reduction

n. a decrease in size, amount, or degree
synonym: diminution, decrease, cutback

(1) **reduction** strategy, (2) a gradual **reduction**

The **reduction** in carbon emissions has been significant since the implementation of the new policy.

optimize

v. to make the best or most effective use of something
synonym: advance, amend, improve

(1) **optimize** a process, (2) **optimize** control for cooling

The essence of economics is to **optimize** the allocation of limited resources.

margin

n. the space around the edge of a page or document;
(finance) the net sales minus the cost of goods and services sold

synonym: edge, border, periphery

(1) **margin** error, (2) a profit **margin**

Unfortunately, the book's **margin** was too small to make notes.

unprecedented

adj. never having been seen, done, or known before
synonym: novel, outstanding, unparalleled

(1) **unprecedented** boom, (2) **unprecedented** business opportunity

Unprecedented amounts of heckling and slogan-shouting took place throughout the event.

cooperation

n. the act or situation of working together with someone towards a shared purpose, benefit, etc.

synonym:

collaboration, affiliation, alliance

(1) **cooperation** with strategic partners, (2) thoroughgoing **cooperation**

The **cooperation** between businesses and universities created this groundbreaking product.

coordination

n. the act of making all the people involved in a plan or activity work together effectively; the ability to control different parts of the body effectively

synonym: cooperation, teamwork, collaboration

(1) data **coordination**, (2) loss of muscle **coordination**

Synchronized swimming needs close **coordination** between six performers.

Session 2: Spelling

- | | |
|-------------------------|--|
| 1. at____t attention | <i>v.</i> to draw or entice someone or something towards them through the qualities they have, especially positive ones |
| 2. re_____on strategy | <i>n.</i> a decrease in size, amount, or degree |
| 3. dr__e flight | <i>n.</i> a low continuous humming noise; someone who takes more time than necessary; a pilot-less aerial vehicle that is operated by remote control |
| 4. intensive agr_____re | <i>n.</i> the practice or science of cultivating the land or raising stock |
| 5. ma___n error | <i>n.</i> the space around the edge of a page or document; (finance) the net sales minus the cost of goods and services sold |
| 6. atmospheric me_____e | <i>n.</i> a chemical compound with the chemical formula CH ₄ with no smell or color, often used as a fuel |
| 7. save the pl___t | <i>n.</i> any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star |
| 8. a prodigious vi___n | <i>n.</i> the ability to think about or see the future with imagination and intelligence; the faculty of being able to see |
| 9. unn_____ry expense | <i>adj.</i> not needed or required; not essential or important |

ANSWERS: 1. attract, 2. reduction, 3. drone, 4. agriculture, 5. margin, 6. methane, 7. planet, 8. vision, 9. unnecessary

- | | |
|--|--|
| 10. in a pre_____le manner | <i>adj.</i> capable of being known, seen or declared in advance |
| 11. beginning of the industrial rev_____on | <i>n.</i> a large-scale attempt to overthrow the government of a country, often using violence or war; |
| 12. ca___e barn | <i>n.</i> cows, bulls, and buffalos that are raised for their milk or meat as farm animals |
| 13. subtle cultural nu___e | <i>n.</i> a subtle or slight degree of difference in appearance, meaning, sound, someone's feeling, etc. |
| 14. ch___n reaction | <i>n.</i> a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle |
| 15. unn_____ry hassle | <i>adj.</i> not needed or required; not essential or important |
| 16. c___p herbicide | <i>n.</i> a plant that is cultivated in large amounts, particularly for food |
| 17. develop a vi___e therapy | <i>adj.</i> capable of being done as intended; able to succeed |
| 18. co_____e chemically with another substance | <i>v.</i> to join or merge to form a single thing or group |
| 19. a fl___d of questions | <i>n.</i> a large amount of water flowing beyond its normal limits; an overwhelming number or amount |
| 20. in___t antenna | <i>n.</i> any small creature that has six legs and a body divided into three sections |
| 21. a st___n of bacillus | <i>n.</i> a force or pressure that stretches or pulls something, sometimes causing damage; (biology) a group of organisms within a species that differ in trivial ways from similar groups |

ANSWERS: 10. predictable, 11. revolution, 12. cattle, 13. nuance, 14. chain, 15. unnecessary, 16. crop, 17. viable, 18. combine, 19. flood, 20. insect, 21. strain

22. tr____al islands *adj.* originating in, located in, or characteristic of the tropics
23. a political rev_____on *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
24. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
25. people in ru__l areas *adj.* of or relating to the countryside
26. a fl__t horse *n.* a group of military ships, aircraft, etc., operating together under the same ownership; (adjective) moving very fast
27. pr_____ve a country's heritage *v.* to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed
28. in____t biology *n.* any small creature that has six legs and a body divided into three sections
29. supply ch__n *n.* a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle
30. ex____d a lineup *v.* to increase or to make something greater in size, number, or importance
31. telescopic vi____n *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
32. con_____te a large sum of money to the fund *v.* to give something, especially money or goods, to provide or achieve something together with other people

ANSWERS: 22. tropical, 23. revolution, 24. environment, 25. rural, 26. fleet, 27. preserve, 28. insect, 29. chain, 30. expand, 31. vision, 32. contribute

33. at_____t customers *v.* to draw or entice someone or something towards them through the qualities they have, especially positive ones
34. the cabin pressure fell dra_____lly *adv.* in a very impressive manner
35. pre_____le pattern *adj.* capable of being known, seen or declared in advance
36. 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
37. co_____e an essay *v.* to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it
38. a profit ma_____n *n.* the space around the edge of a page or document; (finance) the net sales minus the cost of goods and services sold
39. IT inf_____ure *n.* the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies
40. a p__t of bean plants *n.* a destructive insect or other animals that are harmful to crops, animals, or humans; someone or something that is annoying or troublesome

ANSWERS: 33. attract, 34. dramatically, 35. predictable, 36. process, 37. compose, 38. margin, 39. infrastructure, 40. pest

41. vast gr_____nd *n.* a large area of land covered mainly by grass, with few or no trees, and typically used for grazing livestock
42. tec_____cal advancement *adj.* based on scientific and industrial progress
43. pa__y farming *n.* a flooded field where rice is grown, also known as a rice paddy; rice that is still in its husk, harvested from marshy fields called paddies, usually in Asia
44. op_____ze a process *v.* to make the best or most effective use of something
45. unpre_____ted boom *adj.* never having been seen, done, or known before
46. mathematical pu___e *n.* a situation that is difficult to follow or solve; a game, problem, or toy that tests a person's ingenuity or knowledge; (verb) to cause someone to feel confused because of something difficult to understand
47. li_____ck industry *n.* farm animals and birds such as cows, sheep, and chickens
48. ex_____e account *n.* the money, time, or effort incurred or required for something
49. the cross-pol_____on of the arts *n.* the transfer of pollen from the male reproductive organs of one flower to the female reproductive organs of another flower, resulting in fertilization and the production of seeds
50. in___t capital *v.* to put money, effort, time, etc. into something to make a profit or achieve a result

ANSWERS: 41. grassland, 42. technological, 43. paddy, 44. optimize, 45. unprecedented, 46. puzzle, 47. livestock, 48. expense, 49. pollination, 50. invest

51. or____ed graph *adj.* referring to someone or something that is focused or directed toward a particular goal or objective; organized around a specific principle or approach
52. pr____n synthesis *n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
53. industry-sp____ic regulations *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
54. loss of bio____ity *n.* the number and variety of plants and animals that exist in a particular area or the world and make a balanced environment
55. the yi__d on the bond *n.* the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information
56. int____ne thread *v.* to twist together or become twisted together
57. 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
58. p__t control *n.* a destructive insect or other animals that are harmful to crops, animals, or humans; someone or something that is annoying or troublesome
59. wi____fe sanctuary *n.* animals, birds, insects, etc. that grow independently of people and live in natural conditions

ANSWERS: 51. oriented, 52. protein, 53. specific, 54. biodiversity, 55. yield, 56. intertwine, 57. planet, 58. pest, 59. wildlife

60. space ca_____e *n.* a small, enclosed container often used for holding medicines or supplements or for transporting payloads in spacecraft; a small, elongated structure within the body, such as a joint or a gland
61. nonsynthetic fer_____er *n.* a natural or chemical substance added to soil to make plants grow more successfully
62. un_____ne a good relationship *v.* to make someone or something less powerful, less effective, weaker gradually; to make someone's fame, confidence, or authority less effective or weaker gradually
63. def_____ion of the tropics *n.* the act of cutting down or burning trees in a large area
64. en_____er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
65. private se____r *n.* a distinct part or division of something often used to refer to a segment of an economy or industry; an area or field of work or activity
66. ad__t a bill *v.* to choose to follow something; to legally take a child from another family and care for them as if they were one's own
67. sexual exp_____ion *n.* the process of making some area of land or water more profitable or productive or useful
68. ha_____rd design *adj.* marked by a lack of order, system, or coherence; characterized by randomness or chance without any guiding principle or plan

ANSWERS: 60. capsule, 61. fertilizer, 62. undermine, 63. deforestation, 64. engineer, 65. sector, 66. adopt, 67. exploitation, 68. haphazard

69. pa__y production *n.* a flooded field where rice is grown, also known as a rice paddy; rice that is still in its husk, harvested from marshy fields called paddies, usually in Asia
70. fa_____nd acreage *n.* land used for farming or agricultural purposes
71. pol_____on by insect *n.* the transfer of pollen from the male reproductive organs of one flower to the female reproductive organs of another flower, resulting in fertilization and the production of seeds
72. a chemical fer_____er *n.* a natural or chemical substance added to soil to make plants grow more successfully
73. se___e down in the town *v.* to reach an agreement of disagreement
74. in st___e condition *adj.* firm and steady; not easily moved, disturbed, or changed
75. ca___e hide *n.* cows, bulls, and buffalos that are raised for their milk or meat as farm animals
76. ra_____r's wife *n.* a person who owns, manages, or works on a ranch, especially one that is used for raising or grazing livestock
77. nu_____us countries *adj.* amounting to a large indefinite number
78. coo_____on with strategic partners *n.* the act or situation of working together with someone towards a shared purpose, benefit, etc.
79. 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: 69. paddy, 70. farmland, 71. pollination, 72. fertilizer, 73. settle, 74. stable, 75. cattle, 76. rancher, 77. numerous, 78. cooperation, 79. ecosystem

80. im_____nt security measures *v.* to put a decision, plan, or system into effect
81. manual la__r *n.* productive work, especially physical work done for wages; the people who do manual or physical work in a country or company for wage; (verb) to work hard or to strive and make an effort to reach a goal
82. ha_____rd approach *adj.* marked by a lack of order, system, or coherence; characterized by randomness or chance without any guiding principle or plan
83. the em_____on of light *n.* the act of production or sending out gas, heat, light, etc.
84. an image se____r *n.* a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner
85. e__t air pollution *v.* to give off or send out something such as light, heat, sound, gas, etc.
86. liv_____od assistance *n.* a means of earning money people need to pay for food, a place to live, clothing, etc.
87. motion se____r lighting *n.* a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner
88. 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

ANSWERS: 80. implement, 81. labor, 82. haphazard, 83. emission, 84. sensor, 85. emit, 86. livelihood, 87. sensor, 88. greenhouse

89. have a st___e job *adj.* firm and steady; not easily moved, disturbed, or changed
90. 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
91. effects of cl____e change *n.* the weather in a particular location averaged over some long period
92. bird and other wi____fe *n.* animals, birds, insects, etc. that grow independently of people and live in natural conditions
93. st___n our eyes *n.* a force or pressure that stretches or pulls something, sometimes causing damage; (biology) a group of organisms within a species that differ in trivial ways from similar groups
94. crossword pu___e *n.* a situation that is difficult to follow or solve; a game, problem, or toy that tests a person's ingenuity or knowledge; (verb) to cause someone to feel confused because of something difficult to understand
95. inc_____gly become common *adv.* more and more
96. the so__r system *adj.* of, from, or relating to the sun
97. soil con_____ion *n.* the protection of something important, such as the natural environment or artificial structures, especially from the damaging effects of human activity
98. fl__t of foot *n.* a group of military ships, aircraft, etc., operating together under the same ownership; (adjective) moving very fast

ANSWERS: 89. stable, 90. carbon, 91. climate, 92. wildlife, 93. strain, 94. puzzle, 95. increasingly, 96. solar, 97. conservation, 98. fleet

99. 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
100. the exp_____ion of fossil resources *n.* the process of making some area of land or water more profitable or productive or useful
101. a means of liv_____od *n.* a means of earning money people need to pay for food, a place to live, clothing, etc.
102. bio_____ity conservation *n.* the number and variety of plants and animals that exist in a particular area or the world and make a balanced environment
103. major paradigm sh__t *n.* a slight transition in position, direction, or trend
104. e__t a gamma ray *v.* to give off or send out something such as light, heat, sound, gas, etc.
105. 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
106. da___e a relationship *v.* to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity
107. se___e a dispute *v.* to reach an agreement of disagreement

ANSWERS: 99. intervention, 100. exploitation, 101. livelihood, 102. biodiversity, 103. shift, 104. emit, 105. native, 106. damage, 107. settle

108. the speaker's dr__e *n.* a low continuous humming noise; someone who takes more time than necessary; a pilot-less aerial vehicle that is operated by remote control
109. traditional ra____r *n.* a person who owns, manages, or works on a ranch, especially one that is used for raising or grazing livestock
110. im____e the test score *v.* to make or become better
111. un____ne their adversary's reputation *v.* to make someone or something less powerful, less effective, weaker gradually; to make someone's fame, confidence, or authority less effective or weaker gradually
112. in____ve agriculture *adj.* involving a lot of work or activity in a short time
113. des____ze a good relationship *v.* to cause something to become less stable or secure
114. des____ze the market *v.* to cause something to become less stable or secure
115. a sw__h of green grass *n.* a strip of land, especially a long, narrow one; a large amount or quantity of something
116. in____ve care *adj.* involving a lot of work or activity in a short time
117. loss of muscle coo____ion *n.* the act of making all the people involved in a plan or activity work together effectively; the ability to control different parts of the body effectively
118. mo____r the data carefully *v.* to observe, check, and track the progress or quality of something over a period of time

ANSWERS: 108. drone, 109. rancher, 110. improve, 111. undermine, 112. intensive, 113. destabilize, 114. destabilize, 115. swath, 116. intensive, 117. coordination, 118. monitor

119. a cold cl_____e *n.* the weather in a particular location averaged over some long period
120. ad__t a child *v.* to choose to follow something; to legally take a child from another family and care for them as if they were one's own
121. reduce me_____e emissions *n.* a chemical compound with the chemical formula CH₄ with no smell or color, often used as a fuel
122. 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
123. re_____nt population *adj.* able to withstand or recover quickly from difficult conditions
124. a_m to be a nurse *v.* to try or plan to get or achieve something
125. as nu_____us as the sand *adj.* amounting to a large indefinite number
126. thoroughgoing coo_____on *n.* the act or situation of working together with someone towards a shared purpose, benefit, etc.
127. fl__d advisory *n.* a large amount of water flowing beyond its normal limits; an overwhelming number or amount
128. a so__r eclipse *adj.* of, from, or relating to the sun

ANSWERS: 119. climate, 120. adopt, 121. methane, 122. process, 123. resilient, 124. aim, 125. numerous, 126. cooperation, 127. flood, 128. solar

129. nu_____nt medicine *n.* any substance that is essential for the maintenance and growth of living things
130. a gradual re_____on *n.* a decrease in size, amount, or degree
131. official sta_____cs *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
132. co_____e my thoughts *v.* to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it
133. seasonal la__r *n.* productive work, especially physical work done for wages; the people who do manual or physical work in a country or company for wage; (verb) to work hard or to strive and make an effort to reach a goal
134. end of the first qu_____r *n.* one of four equal parts; a fourth part or portion
135. high levels of air po_____on *n.* the introduction of harmful substances or waste into the natural environment that causes adverse change
136. D__t approval *n.* the food and drink that a person, animal, or community eats and drinks regularly; a legislative assembly in certain countries, for example, Japan
137. enormous ex_____es *n.* the money, time, or effort incurred or required for something
138. am_____y a signal *v.* to enhance something, particularly sound or brightness
139. corn yi__d *n.* the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information

ANSWERS: 129. nutrient, 130. reduction, 131. statistics, 132. compose, 133. labor, 134. quarter, 135. pollution, 136. diet, 137. expense, 138. amplify, 139. yield

140. tec_____cal policy *adj.* based on scientific and industrial progress
141. s__ls retentive of moisture *n.* the top layer of Earth in which plants grow
142. a st_____e battery *n.* the act or process of putting in and keeping something in a particular place for use in the future; an electronic memory device that can store information
143. st___e crop *adj.* essential, crucial, or regularly used
144. c__p field *n.* a plant that is cultivated in large amounts, particularly for food
145. mo_____r an exam *v.* to observe, check, and track the progress or quality of something over a period of time
146. sp_____ic instructions *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
147. industrial ex_____on *n.* the process of becoming larger or more extensive, or the result of this process
148. a large sw__h of territory *n.* a strip of land, especially a long, narrow one; a large amount or quantity of something
149. rich in nu___e *n.* a subtle or slight degree of difference in appearance, meaning, sound, someone's feeling, etc.
150. the lowest def_____ion rate *n.* the act of cutting down or burning trees in a large area

ANSWERS: 140. technological, 141. soil, 142. storage, 143. staple, 144. crop, 145. monitor, 146. specific, 147. expansion, 148. swath, 149. nuance, 150. deforestation

151. a con_____nal style *adj.* based on or following traditional rules, standards, customs, etc.
152. a qu_____r mile *n.* one of four equal parts; a fourth part or portion
153. am_____y the effect *v.* to enhance something, particularly sound or brightness
154. er_____te racial discrimination *v.* to get rid of or destroy something completely, especially something bad
155. int_____ne story *v.* to twist together or become twisted together
156. app_____ely same *adv.* close to a specific number or time but not exactly that number or time
157. rev_____ize the technology *v.* to bring about a complete or radical change in something, often through the introduction of new methods or ideas
158. technology-or_____ed *adj.* referring to someone or something that is focused or directed toward a particular goal or objective; organized around a specific principle or approach
159. 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
160. a hard and re_____nt steel *adj.* able to withstand or recover quickly from difficult conditions
161. im_____e a process *v.* to make or become better
162. organic agr_____re *n.* the practice or science of cultivating the land or raising stock

ANSWERS: 151. conventional, 152. quarter, 153. amplify, 154. eradicate, 155. intertwine, 156. approximately, 157. revolutionize, 158. oriented, 159. carbon, 160. resilient, 161. improve, 162. agriculture

163. ir____te the flowers and plants *v.* to supply water to land to help plants grow
164. app_____ely 3 feet long *adv.* close to a specific number or time but not exactly that number or time
165. 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
166. co_____e augmented reality *v.* to join or merge to form a single thing or group
167. sta_____cs for cancer *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
168. get a con_____nal loan *adj.* based on or following traditional rules, standards, customs, etc.
169. fertile fa_____nd *n.* land used for farming or agricultural purposes
170. tr_____al cyclones *adj.* originating in, located in, or characteristic of the tropics
171. marine ec_____em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
172. achieve a vi___e relationship *adj.* capable of being done as intended; able to succeed
173. reap a ha_____t *n.* yields of plants in a single growing season; the period of the year when gathering occurs on a farm
174. unp_____ted business opportunity *adj.* never having been seen, done, or known before

ANSWERS: 163. irrigate, 164. approximately, 165. native, 166. combine, 167. statistics, 168. conventional, 169. farmland, 170. tropical, 171. ecosystem, 172. viable, 173. harvest, 174. unprecedented

175. emissions of gre_____se gases *n.* a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in
176. he confessed dra_____lly *adv.* in a very impressive manner
177. exp_____nt design *n.* the scientific test conducted to observe what happens and gain new knowledge
178. Doppler sh__t *n.* a slight transition in position, direction, or trend
179. global em_____ons of greenhouse gases *n.* the act of production or sending out gas, heat, light, etc.
180. re_____e CO2 into the air *v.* to set free or allow to escape from confinement
181. medical ca_____e *n.* a small, enclosed container often used for holding medicines or supplements or for transporting payloads in spacecraft; a small, elongated structure within the body, such as a joint or a gland
182. a nu_____nt for hair *n.* any substance that is essential for the maintenance and growth of living things
183. inf_____ure cost *n.* the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies
184. pr_____ve my strength *v.* to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed
185. st___e commodities *adj.* essential, crucial, or regularly used

ANSWERS: 175. greenhouse, 176. dramatically, 177. experiment, 178. shift, 179. emission, 180. release, 181. capsule, 182. nutrient, 183. infrastructure, 184. preserve, 185. staple

186. ex_____on project *n.* the process of becoming larger or more extensive, or the result of this process
187. endangered gr_____nd *n.* a large area of land covered mainly by grass, with few or no trees, and typically used for grazing livestock
188. in___t in stocks *v.* to put money, effort, time, etc. into something to make a profit or achieve a result
189. re_____e a prisoner *v.* to set free or allow to escape from confinement
190. series of exp_____nts *n.* the scientific test conducted to observe what happens and gain new knowledge
191. eat a vegetarian d__t *n.* the food and drink that a person, animal, or community eats and drinks regularly; a legislative assembly in certain countries, for example, Japan
192. the con_____ion law of physics *n.* the protection of something important, such as the natural environment or artificial structures, especially from the damaging effects of human activity
193. rev_____ize the industry *v.* to bring about a complete or radical change in something, often through the introduction of new methods or ideas
194. co_____ve coal resources *v.* to protect something, especially the natural environment or culture, from change, damage, or destruction
195. st_____e at low temperature *n.* the act or process of putting in and keeping something in a particular place for use in the future; an electronic memory device that can store information

ANSWERS: 186. expansion, 187. grassland, 188. invest, 189. release, 190. experiment, 191. diet, 192. conservation, 193. revolutionize, 194. conserve, 195. storage

196. 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
197. ex___d agricultural output *v.* to increase or to make something greater in size, number, or importance
198. er_____te the deficit *v.* to get rid of or destroy something completely, especially something bad
199. industrial se____r *n.* a distinct part or division of something often used to refer to a segment of an economy or industry; an area or field of work or activity
200. means to co_____ve energy *v.* to protect something, especially the natural environment or culture, from change, damage, or destruction
201. da___e assessment *v.* to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity
202. environmental po_____on *n.* the introduction of harmful substances or waste into the natural environment that causes adverse change
203. con_____te to society *v.* to give something, especially money or goods, to provide or achieve something together with other people
204. op_____ze control for cooling *v.* to make the best or most effective use of something

ANSWERS: 196. intervention, 197. expand, 198. eradicate, 199. sector, 200. conserve, 201. damage, 202. pollution, 203. contribute, 204. optimize

205. face inc_____gly complicated challenges *adv.* more and more
206. a scanty ha_____t *n.* yields of plants in a single growing season; the period of the year when gathering occurs on a farm
207. parched s___l *n.* the top layer of Earth in which plants grow
208. li_____ck agriculture *n.* farm animals and birds such as cows, sheep, and chickens
209. ir_____te fields *v.* to supply water to land to help plants grow
210. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
211. stress pr_____n *n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
212. im_____nt a corporate strategy *v.* to put a decision, plan, or system into effect
213. a_m at a specific target *v.* to try or plan to get or achieve something
214. a civil en_____er *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
215. data coo_____ion *n.* the act of making all the people involved in a plan or activity work together effectively; the ability to control different parts of the body effectively

ANSWERS: 205. increasingly, 206. harvest, 207. soil, 208. livestock, 209. irrigate, 210. environment, 211. protein, 212. implement, 213. aim, 214. engineer, 215. coordination

216. ru__l accents

adj. of or relating to the countryside

ANSWERS: 216. rural

Session 3: Fill in the Blanks

1. The _____ by the citizen resulted in a redistribution of wealth.
n. a large-scale attempt to overthrow the government of a country, often using violence or war;
2. Large-scale _____ also has a significant impact on marine ecosystems in the area.
n. the act of cutting down or burning trees in a large area
3. During _____ farmers are incredibly busy.
n. yields of plants in a single growing season; the period of the year when gathering occurs on a farm
4. The essence of economics is to _____ the allocation of limited resources.
v. to make the best or most effective use of something
5. _____ storm Marco is making his way along the coast of Florida.
adj. originating in, located in, or characteristic of the tropics
6. You might need to _____ this point.
v. to enhance something, particularly sound or brightness
7. _____ advances have disrupted many industries.
adj. based on scientific and industrial progress
8. 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

ANSWERS: 1. revolution, 2. deforestation, 3. harvest, 4. optimize, 5. Tropical, 6. amplify, 7. Technological, 8. ecosystem

9. The structure is _____ of three main components.
- v.* to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it
10. We ____ for an overseas expansion.
- v.* to try or plan to get or achieve something
11. The scientist conducted a study that provided _____ details about the species' behavior.
- adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
12. The company is very customer-_____ and strives to provide excellent service.
- adj.* referring to someone or something that is focused or directed toward a particular goal or objective; organized around a specific principle or approach
13. The government is eager to _____ international investment.
- v.* to draw or entice someone or something towards them through the qualities they have, especially positive ones
14. Synchronized swimming needs close _____ between six performers.
- n.* the act of making all the people involved in a plan or activity work together effectively; the ability to control different parts of the body effectively
15. Nitrogen fixation by the Haber-Bosch method leads to the mass production of _____.
- n.* a natural or chemical substance added to soil to make plants grow more successfully

ANSWERS: 9. composed, 10. aim, 11. specific, 12. oriented, 13. attract, 14. coordination, 15. fertilizers

16. The painter has tried to express every _____ of the woman's expression in his work.

n. a subtle or slight degree of difference in appearance, meaning, sound, someone's feeling, etc.

17. During the unloading, the container box _____ a clicking sound.

v. to give off or send out something such as light, heat, sound, gas, etc.

18. Rice and beans are a _____ food in many cultures.

adj. essential, crucial, or regularly used

19. Relations between the two countries have been relatively _____ due to the summit meeting.

adj. firm and steady; not easily moved, disturbed, or changed

20. He heard a _____ of sirens roar from the neighboring town.

n. a low continuous humming noise; someone who takes more time than necessary; a pilot-less aerial vehicle that is operated by remote control

21. _____ amounts of heckling and slogan-shouting took place throughout the event.

adj. never having been seen, done, or known before

22. The company's stock gives a high _____.

n. the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information

23. The _____ hotel room may be small but it has all the necessary amenities.

n. a small, enclosed container often used for holding medicines or supplements or for transporting payloads in spacecraft; a small, elongated structure within the body, such as a joint or a gland

ANSWERS: 16. nuance, 17. emits, 18. staple, 19. stable, 20. drone, 21. Unprecedented, 22. yield, 23. capsule

24. The forest was recently designated a _____ area.
- n.* the protection of something important, such as the natural environment or artificial structures, especially from the damaging effects of human activity
25. 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
26. The local grocery store carried meat sourced from the _____ farm.
- n.* a person who owns, manages, or works on a ranch, especially one that is used for raising or grazing livestock
27. _____ feed is made from fodder crops.
- n.* farm animals and birds such as cows, sheep, and chickens
28. These heavy rains caused flash _____ on several islands.
- n.* a large amount of water flowing beyond its normal limits; an overwhelming number or amount
29. In several countries, child _____ is a serious social problem.
- n.* productive work, especially physical work done for wages; the people who do manual or physical work in a country or company for wage; (verb) to work hard or to strive and make an effort to reach a goal
30. Driving is difficult for me because of my poor _____.
- n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
31. This jigsaw _____ is challenging because there are no pictures.
- n.* a situation that is difficult to follow or solve; a game, problem, or toy that tests a person's ingenuity or knowledge; (verb) to cause someone to feel confused because of something difficult to understand

ANSWERS: 24. conservation, 25. native, 26. rancher's, 27. Livestock, 28. floods, 29. labor, 30. vision, 31. puzzle

32. They used fast-acting _____ on the flowers in the flower beds.
n. any substance that is essential for the maintenance and growth of living things
33. The government promised to _____ a new system to control the financial crisis.
v. to put a decision, plan, or system into effect
34. The charity organization has helped to provide education to a vast _____ of the population.
n. a strip of land, especially a long, narrow one; a large amount or quantity of something
35. 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
36. These _____ are more prevalent above a certain latitude.
n. any small creature that has six legs and a body divided into three sections
37. The _____ process is crucial for the growth and reproduction of many plants.
n. the transfer of pollen from the male reproductive organs of one flower to the female reproductive organs of another flower, resulting in fertilization and the production of seeds
38. These descriptions are based on a number of _____ assumptions.
adj. amounting to a large indefinite number
39. The _____ between businesses and universities created this groundbreaking product.
n. the act or situation of working together with someone towards a shared purpose, benefit, etc.

ANSWERS: 32. nutrients, 33. implement, 34. swath, 35. carbon, 36. insects, 37. pollination, 38. numerous, 39. cooperation

40. The vines _____ to form a thick canopy overhead.
- v.* to twist together or become twisted together
41. The _____ on my bike broke, leaving me stranded.
- n.* a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle
42. The company is undergoing an _____ opening new locations in several states.
- n.* the process of becoming larger or more extensive, or the result of this process
43. The government is encouraging farmers to expand their _____ to increase food production.
- n.* land used for farming or agricultural purposes
44. During the surgery, the doctor had to be extremely cautious not to _____ a blood vessel.
- v.* to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity
45. _____ is the foundation of our economy.
- n.* the practice or science of cultivating the land or raising stock
46. The country was instrumental in promoting the _____ treaty.
- n.* the number and variety of plants and animals that exist in a particular area or the world and make a balanced environment
47. The unemployment rate in the first _____ was 2.3 percentage points higher than in the previous.
- n.* one of four equal parts; a fourth part or portion

ANSWERS: 40. intertwine, 41. chain, 42. expansion, 43. farmland, 44. damage, 45. Agriculture, 46. biodiversity, 47. quarter

48. The _____ are on the grassland and grazing.
n. cows, bulls, and buffalos that are raised for their milk or meat as farm animals
49. Children must be taught to _____ our natural environment.
v. to protect something, especially the natural environment or culture, from change, damage, or destruction
50. This automatic door could no longer be opened due to a _____ failure.
n. a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner
51. The _____ will repair my telephone tomorrow morning.
n. a person whose job is designing, building, or maintaining something such as machines, structures, or software
52. We are trying to _____ this disease from the world.
v. to get rid of or destroy something completely, especially something bad
53. The extra steps in the process were deemed _____ and removed to streamline production.
adj. not needed or required; not essential or important
54. The construction industry is labor _____ although it has been somewhat automated by introducing large machinery.
adj. involving a lot of work or activity in a short time
55. The sight of the _____ fields swaying in the wind was breathtaking.
n. a flooded field where rice is grown, also known as a rice paddy; rice that is still in its husk, harvested from marshy fields called paddies, usually in Asia

ANSWERS: 48. cattle, 49. conserve, 50. sensor, 51. engineer, 52. eradicate, 53. unnecessary, 54. intensive, 55. paddy

56. The _____ is endangering the local plants and animals.
- n.* the introduction of harmful substances or waste into the natural environment that causes adverse change
57. The company's hiring process was _____ with no objective criteria or standards.
- adj.* marked by a lack of order, system, or coherence; characterized by randomness or chance without any guiding principle or plan
58. Life expectancy has grown _____ this century.
- adv.* in a very impressive manner
59. 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
60. The national assembly has _____ the budget.
- v.* to choose to follow something; to legally take a child from another family and care for them as if they were one's own
61. 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
62. They tried to _____ her position by slandering her.
- v.* to make someone or something less powerful, less effective, weaker gradually; to make someone's fame, confidence, or authority less effective or weaker gradually

ANSWERS: 56. pollution, 57. haphazard, 58. dramatically, 59. process, 60. adopted, 61. environment, 62. undermine

63. Aging societies tend to require huge costs for _____ maintenance.
n. the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies
64. The animal rights group worked to _____ the dolphins back into the wild.
v. to set free or allow to escape from confinement
65. This trail takes _____ 2.5 hours.
adv. close to a specific number or time but not exactly that number or time
66. We want to _____ ties between our two countries.
v. to make or become better
67. The ignition of _____ gas in the plant killed five employees.
n. a chemical compound with the chemical formula CH₄ with no smell or color, often used as a fuel
68. The invention of the smartphone _____ the way we communicate with each other.
v. to bring about a complete or radical change in something, often through the introduction of new methods or ideas
69. The conservation area has an abundance of _____.
n. animals, birds, insects, etc. that grow independently of people and live in natural conditions
70. The government should view children as national assets and actively _____ in them.
v. to put money, effort, time, etc. into something to make a profit or achieve a result

ANSWERS: 63. infrastructure, 64. release, 65. approximately, 66. improve, 67. methane, 68. revolutionized, 69. wildlife, 70. invest

71. Hydrogen and oxygen _____ to form water.

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

72. 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

73. The water shortage in the region has made it difficult for farmers to _____ their crops.

v. to supply water to land to help plants grow

74. 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

75. Sow early for an early _____.

n. a plant that is cultivated in large amounts, particularly for food

76. _____ panels have greatly improved not only in performance but also in durability.

adj. of, from, or relating to the sun

77. The _____ in carbon emissions has been significant since the implementation of the new policy.

n. a decrease in size, amount, or degree

78. There are five distinct _____ at five unique wavelengths.

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

ANSWERS: 71. combine, 72. greenhouse, 73. irrigate, 74. intervention, 75. crop, 76. Solar, 77. reduction, 78. emissions

79. Could you help me _____ some furniture?
n. a slight transition in position, direction, or trend
80. _____ and weather have an impact on every part of our lifestyles.
n. the weather in a particular location averaged over some long period
81. A balanced _____ is more important for health than supplements.
n. the food and drink that a person, animal, or community eats and drinks regularly; a legislative assembly in certain countries, for example, Japan
82. Dictators of the past often had the erroneous idea of a pure racial _____.
n. a force or pressure that stretches or pulls something, sometimes causing damage; (biology) a group of organisms within a species that differ in trivial ways from similar groups
83. They hope to _____ their business worldwide.
v. to increase or to make something greater in size, number, or importance
84. Meadows and pastures are examples of smaller-scale _____ in many parts of the world.
n. a large area of land covered mainly by grass, with few or no trees, and typically used for grazing livestock
85. The technology _____ is constantly evolving and innovating.
n. a distinct part or division of something often used to refer to a segment of an economy or industry; an area or field of work or activity
86. The body needs a certain amount of _____ to build and repair tissues.
n. a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues

ANSWERS: 79. shift, 80. Climate, 81. diet, 82. strain, 83. expand, 84. grasslands, 85. sector, 86. protein

87. We store customer data in cloud _____.

- n.* the act or process of putting in and keeping something in a particular place for use in the future; an electronic memory device that can store information

88. I don't want to _____ for second best.

- v.* to reach an agreement of disagreement

89. Government workers cannot _____ to political campaigns.

- v.* to give something, especially money or goods, to provide or achieve something together with other people

90. Many _____ areas are still impoverished.

- adj.* of or relating to the countryside

91. The _____ demonstrate that poverty and unemployment are genuine problems.

- n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data

92. I could no longer earn my own _____.

- n.* a means of earning money people need to pay for food, a place to live, clothing, etc.

93. They worked hard to _____ the nature of their native lands.

- v.* to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed

94. The gardener used natural methods to keep _____ away from her plants.

- n.* a destructive insect or other animals that are harmful to crops, animals, or humans; someone or something that is annoying or troublesome

ANSWERS: 87. storage, 88. settle, 89. contribute, 90. rural, 91. statistics, 92. livelihood, 93. preserve, 94. pests

95. Male gorillas with good drumming skills are more _____.
adj. capable of being done as intended; able to succeed
96. The economy becomes more volatile and less _____.
adj. capable of being known, seen or declared in advance
97. Our company found it _____ difficult to keep up with the competition.
adv. more and more
98. For this project to be successful, we must control _____ strictly.
n. the money, time, or effort incurred or required for something
99. We destroyed a _____ of 70 enemy ships.
n. a group of military ships, aircraft, etc., operating together under the same ownership; (adjective) moving very fast
100. His _____ showed highly positive results.
n. the scientific test conducted to observe what happens and gain new knowledge
101. Strategic _____ of cutting-edge technology would be a sure formula for success.
n. the process of making some area of land or water more profitable or productive or useful
102. Unfortunately, the book's _____ was too small to make notes.
n. the space around the edge of a page or document; (finance) the net sales minus the cost of goods and services sold
103. The political crisis _____ the country and caused widespread turmoil.
v. to cause something to become less stable or secure

ANSWERS: 95. viable, 96. predictable, 97. increasingly, 98. expenses, 99. fleet, 100. experiments, 101. exploitation, 102. margin, 103. destabilized

104. She is a _____ person and has always bounced back from setbacks.

adj. able to withstand or recover quickly from difficult conditions

105. They used a special receiver to _____ police radio channels.

v. to observe, check, and track the progress or quality of something over a period of time

106. _____ moisture is another significant component controlling soil respiration.

n. the top layer of Earth in which plants grow

107. 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

108. She is very _____ in her thoughts.

adj. based on or following traditional rules, standards, customs, etc.

ANSWERS: 104. resilient, 105. monitor, 106. Soil, 107. planet, 108. conventional