

# Englist.me



## Vocabulary Builder Reference from...

Chad Frischmann: 100 solutions to reverse global warming | TED Talk

[https://www.ted.com/talks/chad\\_frischmann\\_100\\_solutions\\_to\\_reverse\\_global\\_warming](https://www.ted.com/talks/chad_frischmann_100_solutions_to_reverse_global_warming)

### All Words

#### IMPORTANT

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## Session 1: Word List

### introduction

*n.* a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market

*synonym* : initiation, preamble, prologue

(1) **introduction** education, (2) self- **introduction**

The **introduction** to the new class was informative and engaging.

### drawdown

*n.* the reduction or depletion of a resource, such as water, as a result of extraction or use; the act of withdrawing funds from an account or asset, typically associated with investment or borrowing

*synonym* : decline, reduction, decrease

(1) **drawdown** period, (2) investment **drawdown**

The organization initiated a **drawdown** of resources from its disaster relief fund to assist the affected communities.

### 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.

## 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.

## concentration

*n.* the ability to focus all your time and energy on one thing without thinking about anything else.

*synonym* : attention, engagement, assiduity

(1) **concentration** of armaments, (2) his research area of **concentration**

This exam requires excellent **concentration** to pass.

## 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.

## decline

*v.* to become gradually smaller, fewer, worse, etc.; to refuse to accept

*synonym* : descend, drop, deny

(1) **decline** a job offer, (2) **decline** in quality

As people age, their digestive capacity also gradually **declines**.

## basis

*n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged

*synonym* : foundation, base, ground

(1) on an equal **basis**, (2) **basis** for calculation

This evidence will form the **basis** for our discussion.

## 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**.

## 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.

## 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.

## provoke

*v.* to stimulate or give rise to a particular reaction or have a particular effect

*synonym* : stimulate, incite, encourage

(1) **provoke** a disease, (2) **provoke** a reaction

Her behavior **provoked** a quarrel between the couple.

## 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.

## achieve

v. to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do

*synonym*: accomplish, attain, reach

(1) **achieve** success, (2) **achieve** milestones

I will work hard to **achieve** my goals and realize my dreams.

## 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.

## 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.

## discourse

n. any form of communication in speech or writing

*synonym*: discussion, dialogue, communication

(1) hold **discourse** with him, (2) a **discourse** about art

Sweet **discourse** makes short days and nights.

## confusion

n. the state of being mixed up or unclear, or the state of disorder or uncertainty

*synonym*: disorder, disarray, chaos

(1) administrative **confusion**, (2) in great **confusion**

The sudden policy change has caused **confusion** among employees.

## apathy

*n.* lack of emotion, concern, or enthusiasm

*synonym* : affectlessness, dispassion, indifference

(1) **apathy** in the election, (2) political **apathy**

The global economic crisis has led to pervasive **apathy** and powerlessness.

## possibility

*n.* a chance that something may happen or be true

*synonym* : chance, prospect, likelihood

(1) **possibility** for growth, (2) **possibility** of a major earthquake

The **possibility** of getting the disease will drastically increase.

## opportune

*adj.* suitable or happening at a time that is suitable or convenient for a particular purpose

*synonym* : suitable, timely, practical

(1) **opportune** occasion, (2) an **opportune** remark

The phone rang at the most **opportune** time.

## attraction

*n.* a sense of like someone, particularly sexually; something that causes individuals to desire to go to a specific area or do a specific activity

*synonym* : allure, appeal, interest

(1) the big **attraction** of the event, (2) popular tourist **attraction**

She felt an instant **attraction** toward him.

## pipeline

*n.* a very long large tube that is usually underground and is used for carrying liquid or gas for long distances

*synonym* : channel, line

(1) a data **pipeline**, (2) **pipeline** facilities

Rebels sabotaged the main **pipeline** supplying oil.

## progression

*n.* the act or process of changing to the next stage or phase or moving forward

*synonym* : advancement, development, evolution

(1) **progression** of civilization, (2) **progression** of disease  
The company has made great strides in its **progression** toward sustainability.

### **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**.

### **scalable**

*adj.* capable of being easily expanded or increased in size, number, or scale to meet changing demands

*synonym*: expandable, flexible, adjustable

(1) **scalable** solution, (2) dynamically **scalable**

The company's new software is highly **scalable**, allowing it to handle increasing number of users.

### **fin**

*n.* a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance

*synonym*: flipper, appendage, stabilizer

(1) back **fin**, (2) a **fin** of a plane

The shark's powerful **fins** allowed it to swim at high speeds.

### **feasible**

*adj.* capable of being or likely to be made, done, or achieved

*synonym*: achievable, possible, attainable

(1) economically **feasible**, (2) **feasible** assumption

It is not **feasible** and inefficient to complete many tasks at once.

### **replace**

*v.* to take the place of something

*synonym*: substitute, supersede, displace

(1) **replace** one word with another, (2) **replace** a phone

Eventually, the new design will **replace** all older models.

### **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

## renewable

*adj.* capable of being renewed, extended, or replaced

*synonym*: sustainable, replaceable

(1) **renewable** energy, (2) **renewable** subscriptions

The production of **renewable** fuels requires massive volumes of fresh water.

## consumption

*n.* the amount used or eaten; the act of using up a resource such as energy, food, or materials

*synonym*: usage, uptake, utilization

(1) average fuel **consumption**, (2) the **consumption** of food

In our country, water **consumption** usually decreases during the winter.

## technological

*adj.* based on scientific and industrial progress

*synonym*: specialized, technical

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

**Technological** advances have disrupted many industries.

## efficiency

*n.* the state or quality of doing something well with no waste of input such as time or money

*synonym*: effectiveness, efficacy, productivity

(1) better fuel **efficiency**, (2) an energy **efficiency**

Our company must continue to strive for greater **efficiency**.

## 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.

## 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.

## biomass

*n.* the total quantity of living matter in a given unit of environment, including plants, animals, and microorganisms

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

The **biomass** in a forest can be measured by collecting and weighing all living plants within a specific area.

## 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.

## grade

*n.* a particular level of quality, size, importance, etc.

*synonym*: score, rate, degree

(1) boys in the twelfth **grade**, (2) students at all **grade** levels

Departments may set requirements for a higher **grade** point average.

## magic

*n.* beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers

*synonym*: fascination, illusion, wizardry

(1) a **magic** spell, (2) she is **magic**



He performed **magic** tricks with sophisticated moves.

## 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.

## combination

*n.* a collection of things that have been combined; an assemblage of separate parts or qualities

*synonym*: blend, hybrid, compounding

(1) genic **combinations**, (2) **combination** number

The **combination** to the safe was a secret.

## mechanism

*n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction

*synonym*: means, method, system

(1) the **mechanism** for DNA replication, (2) defense **mechanism**

He discovered unique **mechanisms** for photochemical reactions.

## eclectic

*adj.* deriving ideas, styles, or features from a diverse range of sources; representing a broad or diverse range of ideas or interests

*synonym*: diverse, assorted, varied

(1) **eclectic** style, (2) **eclectic** approach

Her **eclectic** taste in music ranges from classical to hip-hop.

## onshore

*adj.* located or happening on or near the shore or coastline; relating to activities or operations that take place on land as opposed to at sea

*synonym*: coastal, domestic, seaward

(1) **onshore** drilling, (2) **onshore** wind farm

The shipping company decided to switch to **onshore** storage to reduce costs.

## turbine

*n.* a machine that rotates to generate power from fluids such as water or gas

*synonym*: engine, generator, power plant

(1) **turbine** energy, (2) **turbine** aerofoil

The wind **turbines** were spinning rapidly, generating clean energy for the nearby town.

## 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.

## rooftop

*n.* the upper surface or cover of a building's roof, often used for recreational or other purposes

*synonym*: roof, terrace, deck

(1) **rooftop** live, (2) **rooftop** deck

They held the dinner party on the **rooftop** terrace, enjoying the beautiful view of the city.

## slide

*v.* to move or cause to move smoothly along a surface without interruption

*synonym*: glide, drift, drop

(1) **slide** a card across the table, (2) **slide** a glance

If necessary, you can **slide** the front seats forward.

## gigaton

*n.* a unit of explosive energy equal to one billion tons of TNT (= a powerful, yellow explosive substance); one billion tons

(1) **gigaton-class** bomb, (2) half a **gigaton** of CO<sub>2</sub>

The earthquake that hit the Pacific Ocean last night is said to have released about 30 **gigatons** of energy.

## represent

*v.* to speak, act, or be present on behalf of another person or group; to form or constitute

*synonym*: depict, express, describe

(1) **represent** by a diagram, (2) the characters that **represent** numbers

We elected him to **represent** us at the international conference.

## equivalent

*n.* having the same value, quality, meaning, purpose, etc.

*synonym*: equal, counterpart, match

(1) **equivalent** amounts, (2) **equivalent** in meaning

The European Central Bank is Europe's **equivalent** of the Federal Reserve.

## 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**.

## electrify

*v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something

*synonym*: wire, amaze, astonish

(1) **electrify** the audience, (2) **electrify** a manufacturing process

The product developed through years of research continues to **electrify** the market.

## 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.

## relate

*v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something

*synonym*: connect, link, associate

(1) **relate** a story, (2) **relate** a message

He tried to **relate** his experience to the group, but they couldn't understand.

## decision

*n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options

*synonym*: choice, determination, judgment

(1) **decision** authority, (2) a selfish **decision**

She was struggling to make a **decision** between two job offers.

## 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.

## contribution

*n.* the act of giving something, especially money, to a particular cause or organization; a voluntary gift as of money or service or ideas made to some worthwhile cause

*synonym*: donation, gift, offering

(1) make a positive **contribution**, (2) **contribution** to society

His **contribution** to the charity was a generous donation of money.

## individual

*n.* a single person or thing, as distinct from a group  
*synonym* : person, being, self

(1) a private **individual**, (2) **individual** freedom

As an **individual**, he had the right to make his own decisions and live his life as he saw fit.

## wetland

*adj.* land that is saturated with water, either permanently or seasonally, such as swamps, marshes, and bogs  
*synonym* : bog, marsh, swamp

(1) **wetland** conservation, (2) **wetland** ecosystem

The **wetland** area was home to many different species of birds.

## safeguard

*v.* to protect something or someone from harm, damage, or loss

*synonym* : protect, assure, conserve

(1) **safeguard** my property, (2) **safeguard** environmental quality

This measure will **safeguard** people against terrorism.

## 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.

## sink

*v.* to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid substance or sink into something else

*synonym* : descend, drop, plummet

(1) **sink** a lot of capital, (2) **sink** a buzzer-beater

The abandoned ship slowly began to **sink** into the murky waters of the harbor.

## fundamental

*adj.* forming an essential base or core from which everything else develops or is affected

*synonym* : basic, essential, entire

(1) **fundamental** education, (2) **fundamental** rights  
Human behavior has **fundamental** characteristics.

## 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?

## tradition

*n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society

*synonym* : custom, practice, ritual

(1) a **tradition** of a culture, (2) against **tradition**

It is a **tradition** in many families to have a big Thanksgiving dinner with all their relatives.

## 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.

## refrigeration

*n.* the process of cooling or freezing something, especially food, to preserve it

*synonym* : cooling, freezing, preservation

(1) **refrigeration** car, (2) **refrigeration** technology

The supermarket had a large **refrigeration** section with all kinds of fresh produce.

## prop

*n.* a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something

*synonym* : support, buttress, column

(1) emotional **prop**, (2) **prop** stick  
We have finally lost our last **prop**.

## dispose

*v.* to put things or people in a particular manner or position;  
to incline someone towards a specific activity or mood;  
throw or cast away

*synonym*: get rid of, arrange, set

(1) **dispose** battleships for a battle, (2) **dispose** of a used product

Generally speaking, the child is innately **disposed** to learn a language.

## fluorocarbon

*n.* any of a group of synthetic organic compounds containing carbon, fluorine, and sometimes other elements used as refrigerants, solvents, propellants, and lubricants

(1) **fluorocarbon** waste, (2) **fluorocarbon** aerosol

**Fluorocarbon** gases are used in some medical applications, such as artificial respiration.

## refrigerator

*n.* an appliance or device used for preserving and cooling food and beverages by maintaining a low temperature within a closed compartment

*synonym*: fridge, cooler, icebox

(1) **refrigerator** magnet, (2) empty **refrigerator**

Don't forget to put the eggs in the **refrigerator** after you've used them.

## protocol

*n.* a set of rules or procedures for transmitting data or conducting a process or activity, especially in computer networks or scientific experiments; the initial or original version of an agreement

*synonym*: procedure, system, method

(1) draft a **protocol**, (2) **protocol** breach

The company has a strict **protocol** for handling sensitive information to ensure security.

- chlorofluorocarbon** *n.* a type of organic compound containing carbon, chlorine, and fluorine, which was commonly used as a refrigerant and propellant, but which is now largely banned or restricted due to its destructive effect on the ozone layer  
*synonym* : CFC, freon, halon  
(1) **chlorofluorocarbon** gases, (2) **chlorofluorocarbon** production  
**Chlorofluorocarbon** emissions have been linked to the thinning of the ozone layer.
- ozone** *n.* a poisonous gas with the chemical formula O<sub>3</sub>, which has a strong smell  
(1) **ozone** depletion, (2) atmospheric **ozone**  
The **ozone** layer is vital for blocking some harmful sun rays.
- 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.
- phase-out** *n.* the gradual and deliberate process of discontinuing or reducing the use or production of a particular product, service, or technology, often in favor of a newer or more efficient alternative  
*synonym* : gradual discontinuation, winding down  
(1) **phase-out** plan, (2) **phase-out** period  
The **phase-out** of the old product line is scheduled for next year.
- refrigerant** *n.* a substance used to transfer heat from one place to another in a refrigeration (the act of making or keeping things cold) system, usually in the form of a liquid or gas  
*synonym* : coolant, refrigeration gas  
(1) **refrigerant** gas, (2) **refrigerant** leak



The **refrigerant** in the air conditioning system helps to cool the room.

### 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.

### calculation

*n.* the act or process of using numbers to judge an amount of something

*synonym* : analysis, computation, estimate

(1) make a **calculation**, (2) **calculation** of loss and gain

The error in the **calculation** was attributable to rounding.

### 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.

### underlie

*v.* to be the support, basis, hidden cause of something; to be located under or below

*synonym* : govern, control, determine

(1) **underlie** the theory of the big bang, (2) **underlie** the current economic deadlock

His bitter experiences **underlie** his moral principles.

### ambitious

*adj.* having a great desire to attain achievement, power, or wealth

*synonym* : enterprising, challenging, earnest

(1) achieve **ambitious** goals, (2) with an **ambitious** eye

Their company has been in business for a short time but has **ambitious** goals.

## plausibly

*adv.* in a manner that is believable, reasonable, or credible; in a way that appears to be true or likely based on available evidence or reasoning

*synonym* : believably, feasibly, possibly

(1) **plausibly** explain his motive, (2) **plausibly** true

She **plausibly** explained why she was late for the meeting.

## coal

*n.* a combustible black or brownish-black sedimentary rock that is found below the ground and burnt to produce heat

*synonym* : ember

(1) a **coal-fired** ship, (2) construction of new **coal** plants

We combust **coal** and other fossil fuels to generate electricity.

## calculate

*v.* to judge or find out the amount or number of something by using mathematics

*synonym* : compute, figure, estimate

(1) **calculate** the distance, (2) **calculate** his credit score

He couldn't **calculate** the actual value of the artwork.

## 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.

## recycle

*v.* to sort and collect things to process them and produce valuable materials that can be used again

*synonym* : reclaim, reuse, reprocess

(1) **recycle** the cardboard boxes, (2) **recycle** milk packaging into new paper

We largely **recycle** the circuit board of cell phones because they contain a lot of valuable metals.

## landfill

*n.* a site for the disposal of waste materials

*synonym* : dump, trash-yard, waste-yard

(1) disposal in a **landfill**, (2) **landfill** sites

This country faces problems in finding enough suitable **landfill** sites.

## regenerative

*adj.* tending to regrow or restore lost or injured tissue

*synonym*: rejuvenating, restorative, healing

(1) **regenerative** medicine, (2) **regenerative** therapy

The **regenerative** properties of stem cells make them a promising area of research.

## industrial

*adj.* of or relating to or resulting from industry

*synonym*: manufacturing, mechanical

(1) beginning of the **industrial** revolution, (2) **industrial** alcohol

**Industrial** design has become more focused on human nature aspect than ever before.

## 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.

## integrate

*v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups

*synonym*: mix, merge, combine

(1) **integrate** into the existing system, (2) **integrate** both businesses

He found that it is difficult to **integrate** socially.

## rank

*n.* a position in a hierarchy of status or authority; (verb) to take or have a position relative to others

*synonym*: position, status, standing

(1) **rank** amateur, (2) high **rank**

He was promoted to the **rank** of captain in the military.

## envision

*v.* to imagine or expect what a situation will be like in the future

*synonym* : anticipate, foresee, picture

(1) **envision** the future, (2) **envision** the project's success

We cannot **envision** her as President.

## warehouse

*n.* a large building for storing goods and merchandise, especially before they are sold, used, or sent out to shops

*synonym* : storage, repository, depot

(1) a rental **warehouse**, (2) **warehouse** debt

The fire ruined all the food stored in the **warehouse**.

## panel

*n.* a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something

*synonym* : board, commission, discussion

(1) **panel** discussion, (2) cost of solar **panels**

A **panel** of economic advisers from the United States visited the country to help rebuild its economy.

## relevance

*n.* the state or degree of being closely connected or appropriate to the matter at hand

*synonym* : pertinence, applicability, connection

(1) have no **relevance**, (2) **relevance** category

The **relevance** of this information to the current situation needs to be investigated.

## urban

*adj.* relating to or located in a town or city

*synonym* : metropolitan, civic

(1) **urban** planning, (2) **urban** property owners

Only a small number of **urban** utilities offer sanitation services.

## 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.

## **cascade**

*n.* a small waterfall or series of small waterfalls; a succession of stages or operations or processes or units  
*synonym* : waterfall, watercourse, step

(1) **cascade** connection, (2) transistor **cascade**

The **cascade** of waterfalls in the national park was a breathtaking sight.

## **straw**

*n.* dry stalks of cereal plants used as fodder, fuel, basket, etc.

*synonym* : hay, stalk, reed

(1) **straw** basket, (2) rice **straw**

The **straw** hat protected her face from the sun while she worked in the fields.

## **kerosene**

*n.* a flammable, colorless, or pale yellow liquid derived from the distillation of petroleum, used as a fuel for lamps, stoves, and heaters

*synonym* : fuel oil, lamp oil, coal oil

(1) **kerosene** stove, (2) burning **kerosene**

The lamp in the cabin burned **kerosene** for light.

## **install**

*v.* to fix furniture, a machine, or a piece of equipment into position so that it can be used; put into an office or a position

*synonym* : establish, inaugurate, lodge

(1) **install** a door, (2) **install** a chairperson

The new president was **installed** immediately after the national election.

## **degrade**

*v.* to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others

*synonym* : demean, disgrace, impair

(1) **degrade** his public image, (2) **degrade** environmental quality

You should not **degrade** yourself by allowing them to use you.

## regeneration

*n.* the process of regrowing or re-forming a body part or tissue that has been lost or damaged due to injury, disease, or other factors; restoration or renewal of vitality, strength, or spirit

*synonym*: renewal, regrowth, restoration

(1) economic **regeneration**, (2) **regeneration** of forests

The **regeneration** of the damaged tissue in the body is a slow process.

## 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.

## stick

*v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material

*synonym*: pierce, adhere, stay

(1) **stick** a key in a lock, (2) fire **stick**

You **stick** a bill in the change machine, and the coins pop out.

## 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.

## organic

*adj.* of or derived from biological substance; producing plants and animals for food and other items without the use of

synthetic chemicals

*synonym* : biological

(1) **organic** soils, (2) eat **organic** food

The kidney is an **organic** component of the body.

## rethink

v. to consider again a plan, idea, etc., especially to change it

*synonym* : reexplore, review, reconsider

(1) **rethink** a marketing plan, (2) **rethink** the role of the manager

We have to **rethink** our company's product lineup for further growth.

## 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.

## displace

v. to force someone or something to leave their home or place of origin, especially as a result of conflict, natural disaster, or manipulation

*synonym* : evict, exile, remove

(1) **displace** workers, (2) **displace** the explosive power

The construction of the new dam will **displace** hundreds of families living downstream.

## 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.

## promote

v. to encourage or persuade people to like, buy, use, do, or support something; to raise someone to a higher position or rank

*synonym* : boost, raise, advertise

(1) **promote** a better relationship, (2) **promote** bad behavior

The government should do more to **promote** sustainable agribusiness.

## monocropping

*n.* (also "monoculture") a farming practice involving the cultivation of a single crop on the same land year after year

*synonym* : monoculture, monoagriculture

(1) **monocropping** agriculture, (2) **monocropping** farming practices

The farmer's reliance on **monocropping** has depleted soil and decreased yields.

## synthetic

*adj.* made by combining chemical substances as opposed to being naturally occurring

*synonym* : artificial, manufactured, fabricated

(1) **synthetic** fiber, (2) **synthetic** fertilizer

**Synthetic** diamonds play an essential role as machine tool blades.

## 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**.

## pesticide

*n.* a substance used for preventing, destroying, repelling, or mitigating any pest

*synonym* : insecticide, herbicide, fungicide

(1) **pesticide** application, (2) **pesticide** residue

The farmer sprayed **pesticide** on his crops to protect them from insects.



## 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.

## 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**.

## improvisation

*n.* the act of making something up on the spot or creating or performing something without preparation

*synonym* : spontaneity, ad-lib, extemporization

(1) **improvisation** on stage, (2) jazz **improvisation**

He created a beautiful piece of music using only **improvisation**.

## retain

*v.* to keep or continue to possess or maintain something

*synonym* : possess, hold, keep on

(1) **retain** information, (2) **retain** a lawyer

Computers help people **retain** specific memories.

## smallholding

*n.* a small farm or estate that the owner or family typically works; often used to describe a farm that is smaller than a standard agricultural unit

*synonym* : small farm, homestead, mini ranch

(1) **smallholding** farm, (2) **smallholding** agriculture

The farmer's **smallholding** was enough to grow and sell vegetables for their family at the local market.

## alike

*adv.* similar or identical in nature or appearance

*synonym* : similar, identical, comparable

(1) young and old **alike**, (2) **alike** in nature

The two paintings looked **alike** as if the same artist had done them.

## massive

*adj.* enormous amount; very heavy and solid

*synonym*: enormous, giant, immense

(1) **massive** amounts, (2) **massive** stars

The recent economic downturn has resulted in **massive** layoffs.

## vegan

*n.* a person who does not eat or use any animal products, typically for ethical or environmental reasons

(1) raw food **vegan**, (2) **vegan** lifestyle

The **vegan** diet is based on plant-based foods.

## vegetarian

*n.* a person who does not eat meat or fish, or often any animal products, for health or religious reasons

(1) eat a **vegetarian** diet, (2) a strict **vegetarian**

This restaurant has **vegetarian** dishes as well.

## applaud

*v.* to express approval of someone or something by clapping the hands

*synonym*: clap, celebrate, praise

(1) **applaud** his courage, (2) **applaud** the orchestra

I enthusiastically **applaud** my rival's achievement.

## insufficient

*adj.* not enough for a particular purpose

*synonym*: deficient, inadequate, scarce

(1) **insufficient** evidence, (2) there are **insufficient** doctors

We had raised a small amount of money from investors, but funds were **insufficient**.

## calorie

*n.* unit of heat defined as the quantity of heat required to raise the temperature of 1 gram of water by 1 degree Celsius at atmospheric pressure, used by nutritionists to measure how much energy food will produce

(1) **calorie** calculation, (2) reduce my **calorie** intake

It would be best if you burned off **calories** through vigorous exercise.

## 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.

## intake

*n.* the act or process of taking food, air, etc., into your body through the mouth; the amount of food, air, or another substance that you take into your body

*synonym*: consumption, absorption, inhalation

(1) a small **intake** of breath, (2) an **intake** pipe

He has been advised to reduce his daily fat **intake**.

## rebalance

*v.* to adjust or distribute something proportionally to restore balance; to make changes to bring a situation back into equilibrium or stability

*synonym*: adjust, realign, readjust

(1) **rebalance** the budget, (2) **rebalance** team roles

I need to **rebalance** my investment portfolio to reduce risk.

## moreover

*adv.* indicating that what follows is an additional or supplementary point; furthermore; in addition to what has been said before

*synonym*: furthermore, besides, in addition

(1) **moreover**, she decided to go, (2) but **moreover**, they work well together

The company is environmentally conscious, and **moreover**, it uses sustainable materials in its products.

## 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.

## astound

*v.* to surprise or shock someone with wonder very much  
*synonym* : amaze, astonish, surprise

(1) **astound** everyone, (2) **astound** the viewer

The final result was nothing short of **astounding**.

## 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.

## wastage

*n.* the act or process of losing or destroying something, especially because it is old or has been dealt with carelessly

*synonym* : dissipation, diffusion, abrasion

(1) natural **wastage**, (2) capital **wastage** cost

We must be more attentive to energy **wastage**.

## 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.

## 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**.

## struggle

*v.* to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to

break away from restraint or constriction

*synonym*: toil, strive, compete

(1) **struggle** against discrimination, (2) **struggle** to get the job

He could not **struggle** against temptation.

## 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.

## methane

n. a chemical compound with the chemical formula CH<sub>4</sub> 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.

## decompose

v. to break down or cause to break down over time into simpler substances or elements

*synonym*: break down, rot, spoil

(1) **decompose** matter, (2) **decompose** into simpler molecules

After the earthquake, many of the buildings in the city were left in ruins and began to **decompose**.

## 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.

## 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.

## 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.

## insecure

*adj.* not firm or firmly fixed; likely to fail or give way, or not assured of safety

*synonym* : uncertain, unsure, unconfident

(1) an **insecure** future, (2) **insecure** attachment

Children in an unstructured environment often feel **insecure**.

## reproductive

*adj.* connected with the process of reproduction; relating to reproducing babies, young animals, or plants

*synonym* : procreative, generative

(1) **reproductive** ability, (2) during **reproductive** period

This documentary deals with the **reproductive** biology of the buffalo.

## clinic

*n.* a building or hospital department where people can go for medical care or advice, especially of a particular condition

*synonym* : hospital, infirmary

(1) visit to the veterinary **clinic**, (2) a dental **clinic**

She holds a **clinic** on Tuesday mornings.

## contraception

*n.* the use of methods or devices to prevent pregnancy, typically by blocking fertilization or implantation of a fertilized egg, which options include contraceptives, condoms, intrauterine devices (IUDs), and sterilization

procedures

(1) hormonal **contraception**, (2) **contraception** pills

Condoms are a common method of **contraception** that both men and women can use.

## devoid

*adj.* completely lacking or free from something

*synonym*: empty, lacking, void

(1) **devoid** of life, (2) air **devoid** of pollution

The room was **devoid** of any furniture or decorations.

## persecution

*n.* the act or practice of treating someone cruelly or unfairly, especially based on race, religion, or political belief

*synonym*: oppression, discrimination, harassment

(1) **persecution** of minorities, (2) suffer **persecution**

The religious minority faced **persecution** from the dominant group.

## 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.

## deny

*v.* to state that one refuses to admit the existence or truth of something

*synonym*: refute, reject, repudiate

(1) adamantly **deny** killing, (2) **deny** the allegations

He is still **denying** stealing the money from the cash register.

## liberty

*n.* the state of being free within society from oppressive restrictions imposed by authority on one's way of life, behavior, or political views

*synonym*: freedom, autonomy, independence

(1) personal **liberty**, (2) **liberty** as a right

The founding fathers fought for the **liberty** of the American people.

## universal

*adj.* existing or affecting everywhere or everyone

*synonym* : common, broad, worldwide

(1) **universal** life, (2) principles of **universal** design

The picture earned near- **universal** acclaim from critics.

## inextricable

*adj.* unable to be separated or escaped from

*synonym* : inescapable, inseparable, entangled

(1) an **inextricable** part of life, (2) form an **inextricable** bond

The knot was **inextricable**, and she had to use scissors to cut it.

## 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.

## bullet

*n.* a metal projectile that is shot from a gun

*synonym* : projectile, slug, shot

(1) **bullet** wound, (2) **bullet** train

The stray **bullet** went through the window and hit the wall.

## subset

*n.* a set of things that are contained within another larger set; a portion or division of a group or category

*synonym* : subcategory, subdivision

(1) proper **subset**, (2) **subset** selection

A **subset** of the employees will be trained in the new software program.

## pathway

*n.* a track that constitutes or serves as a path; an approach or a way of doing something

*synonym* : route, footpath, trail

(1) **pathway** to understanding, (2) cellular signaling



### pathways

When the first molecule in the **pathway** receives a signal, it activates other molecules.

### well-being

*n.* the state of being happy and healthy and prosperous  
*synonym*: health, welfare, happiness

(1) the **well-being** of a nation, (2) a sense of **well-being**

We are responsible for the care and **well-being** of all our employees.

### abundant

*adj.* present in great quantity

*synonym*: ample, plentiful, generative

(1) live an **abundant** life, (2) an **abundant** supply of water

The country has **abundant** oil and natural gas resources.

### sustenance

*n.* food and drink that living things need to nourish their body

*synonym*: nourishment, livelihood, nutrition

(1) scanty **sustenance**, (2) **sustenance** allowance

A regular job is often a spiritual **sustenance**.

### gender

*n.* the range of characteristics of femininity and masculinity and differentiating between them, especially when considering social and cultural differences rather than differences in biology

*synonym*: sexuality

(1) **gender-blind** policies, (2) dual **gender**

Cultural norms strongly influence **gender** expectations.

### 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.

## 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.

## graze

v. to feed on grass or other vegetation, especially by nibbling at it repeatedly; to break the skin of a body part by scraping

*synonym*: nibble, feed, scrape

(1) turn cattle out to **graze**, (2) **graze** the left shoulder

The sheep **graze** on the green grass in the meadow.

## agroforestry

n. a land-use management system that combines the cultivation of crops or the raising of livestock with the growth of trees and shrubs on the same piece of land

*synonym*: agroecology, silvopasture

(1) **agroforestry** practices, (2) sustainable **agroforestry**

**Agroforestry** systems significantly contribute to climate change mitigation by sequestering carbon in trees and soils.

## pasture

n. an area of land used for grazing livestock

*synonym*: grazing land, meadow, lea

(1) **pasture** for sheep, (2) permanent **pasture**

The cows were grazing in the **pasture**.

## 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**.

## 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.

## 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.

## tangible

*adj.* real and concrete; able to be perceived, especially able to be touched; (of business assets) having physical substance and intrinsic monetary value

*synonym*: palpable, real, actual

(1) **tangible** assets, (2) produce **tangible** results

A problem that has been pointed out for years finally becomes **tangible**.

## incalculable

*adj.* impossible to calculate or determine accurately; too great or numerous to be measured or counted

*synonym*: immeasurable, incomputable, infinite

(1) **incalculable** damage, (2) **incalculable** consequences

The **incalculable** amount of stars in the universe is mind-boggling.

## 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.

## 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.

## inherent

*adj.* existing in something as a permanent, essential, or characteristic attribute

*synonym* : intrinsic, natural, innate

(1) **inherent** risk, (2) have an **inherent** dislike

Honesty is an **inherent** quality that everyone should strive to possess.

## exploit

v. to make full use of and gain an advantage from resources, opportunities, etc.

*synonym* : use, abuse, control

(1) **exploit** a security hole, (2) **exploit** a valuable opportunity

We **exploit** our mining resources to strengthen our national power.

## extract

n. a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force

*synonym* : excerpt, quote, distillation

(1) a brief **extract** from the book, (2) botanical **extract**

Anesthetize the gum before **extracting** the teeth.

## norm

n. something that is regarded as usual, typical, or standard

*synonym* : criterion, mean, standard

(1) **norm** of action, (2) cultural **norm**

The systems we have developed has accepted as industry **norms**.

## sustainable

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

*synonym* : continuable, enduring, tolerable

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

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

## Session 2: Spelling

- |                                 |  |
|---------------------------------|--|
| 1. personal li____y             | <i>n.</i> the state of being free within society from oppressive restrictions imposed by authority on one's way of life, behavior, or political views  |
| 2. bu____t train                | <i>n.</i> a metal projectile that is shot from a gun   |
| 3. boys in the twelfth gr__e    | <i>n.</i> a particular level of quality, size, importance, etc.  |
| 4. nu____nt medicine            | <i>n.</i> any substance that is essential for the maintenance and growth of living things  |
| 5. rep____ive ability           | <i>adj.</i> connected with the process of reproduction; relating to reproducing babies, young animals, or plants   |
| 6. pr____ol breach              | <i>n.</i> a set of rules or procedures for transmitting data or conducting a process or activity, especially in computer networks or scientific experiments; the initial or original version of an agreement |
| 7. exotic plants in a gre____se | <i>n.</i> a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in  |
| 8. gr__e the left shoulder      | <i>v.</i> to feed on grass or other vegetation, especially by nibbling at it repeatedly; to break the skin of a body part by scraping  |
| 9. pa____y to understanding     | <i>n.</i> a track that constitutes or serves as a path; an approach or a way of doing something  |

ANSWERS: 1. liberty, 2. bullet, 3. grade, 4. nutrient, 5. reproductive, 6. protocol, 7. greenhouse, 8. graze, 9. pathway

- |                                 |   |
|---------------------------------|---|
| 10. a nu_____nt for hair        | <i>n.</i> any substance that is essential for the maintenance and growth of living things   |
| 11. a strict veg_____an         | <i>n.</i> a person who does not eat meat or fish, or often any animal products, for health or religious reasons                                       |
| 12. sc_____le solution          | <i>adj.</i> capable of being easily expanded or increased in size, number, or scale to meet changing demands  |
| 13. s__ls retentive of moisture | <i>n.</i> the top layer of Earth in which plants grow   |
| 14. sy_____ic fiber             | <i>adj.</i> made by combining chemical substances as opposed to being naturally occurring   |
| 15. en_____on the future        | <i>v.</i> to imagine or expect what a situation will be like in the future  |
| 16. disposal in a la_____ll     | <i>n.</i> a site for the disposal of waste materials  |
| 17. better fuel eff_____cy      | <i>n.</i> the state or quality of doing something well with no waste of input such as time or money   |
| 18. equ_____nt amounts          | <i>n.</i> having the same value, quality, meaning, purpose, etc.  |
| 19. high r__k                   | <i>n.</i> a position in a hierarchy of status or authority; (verb) to take or have a position relative to others                                      |
| 20. on_____e drilling           | <i>adj.</i> located or happening on or near the shore or coastline; relating to activities or operations that take place on land as opposed to at sea |

ANSWERS: 10. nutrient, 11. vegetarian, 12. scalable, 13. soil, 14. synthetic, 15. envision, 16. landfill, 17. efficiency, 18. equivalent, 19. rank, 20. onshore

21. per\_\_\_\_\_on of minorities *n.* the act or practice of treating someone cruelly or unfairly, especially based on race, religion, or political belief
22. re\_\_\_\_\_ce category *n.* the state or degree of being closely connected or appropriate to the matter at hand
23. achieve am\_\_\_\_\_us goals *adj.* having a great desire to attain achievement, power, or wealth
24. s\_\_k a lot of capital *v.* to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid substance or sink into something else
25. 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
26. natural wa\_\_\_\_\_e *n.* the act or process of losing or destroying something, especially because it is old or has been dealt with carelessly
27. su\_\_\_t selection *n.* a set of things that are contained within another larger set; a portion or division of a group or category
28. emissions of gre\_\_\_\_\_se gases *n.* a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in
29. she is ma\_\_c *n.* beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers

ANSWERS: 21. persecution, 22. relevance, 23. ambitious, 24. sink, 25. yield, 26. wastage, 27. subset, 28. greenhouse, 29. magic

30. com\_\_\_\_\_on number *n.* a collection of things that have been combined; an assemblage of separate parts or qualities
31. chl\_\_\_\_\_bon gases *n.* a type of organic compound containing carbon, chlorine, and fluorine, which was commonly used as a refrigerant and propellant, but which is now largely banned or restricted due to its destructive effect on the ozone layer
32. re\_\_\_n a lawyer *v.* to keep or continue to possess or maintain something
33. 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
34. 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
35. pl\_\_\_\_\_ly true *adv.* in a manner that is believable, reasonable, or credible; in a way that appears to be true or likely based on available evidence or reasoning
36. 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
37. de\_\_\_\_\_e his public image *v.* to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others

ANSWERS: 30. combination, 31. chlorofluorocarbon, 32. retain, 33. atmosphere, 34. carbon, 35. plausibly, 36. carbon, 37. degrade



38. popular tourist att\_\_\_\_\_on *n.* a sense of like someone, particularly sexually; something that causes individuals to desire to go to a specific area or do a specific activity
39. in\_\_\_\_\_te into the existing system *v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups
40. sma\_\_\_\_\_ing farm *n.* a small farm or estate that the owner or family typically works; often used to describe a farm that is smaller than a standard agricultural unit
41. ref\_\_\_\_\_ion car *n.* the process of cooling or freezing something, especially food, to preserve it
42. 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
43. the con\_\_\_\_\_on of food *n.* the amount used or eaten; the act of using up a resource such as energy, food, or materials
44. pro\_\_\_\_\_on of civilization *n.* the act or process of changing to the next stage or phase or moving forward
45. de\_\_\_\_\_se matter *v.* to break down or cause to break down over time into simpler substances or elements

ANSWERS: 38. attraction, 39. integrate, 40. smallholding, 41. refrigeration, 42. process, 43. consumption, 44. progression, 45. decompose

46. re\_\_\_e a story                      *v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
47. sl\_\_e a card across the table                      *v.* to move or cause to move smoothly along a surface without interruption
48. op\_\_\_\_\_ne occasion                      *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
49. de\_\_\_\_\_on authority                      *n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options
50. air de\_\_\_d of pollution                      *adj.* completely lacking or free from something
51. 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
52. e\_\_t air pollution                      *v.* to give off or send out something such as light, heat, sound, gas, etc.
53. dynamically sc\_\_\_\_\_le                      *adj.* capable of being easily expanded or increased in size, number, or scale to meet changing demands
54. acc\_\_\_\_\_te the car                      *v.* to make something faster or earlier; to cause to develop or progress more quickly
55. half a gi\_\_\_\_\_n of CO2                      *n.* a unit of explosive energy equal to one billion tons of TNT (= a powerful, yellow explosive substance); one billion tons

ANSWERS: 46. relate, 47. slide, 48. opportune, 49. decision, 50. devoid, 51. yield, 52. emit, 53. scalable, 54. accelerate, 55. gigaton

56. eat a veg\_\_\_\_\_an diet *n.* a person who does not eat meat or fish, or often any animal products, for health or religious reasons
57. app\_\_\_\_\_ely same *adv.* close to a specific number or time but not exactly that number or time
58. ke\_\_\_\_\_ne stove *n.* a flammable, colorless, or pale yellow liquid derived from the distillation of petroleum, used as a fuel for lamps, stoves, and heaters
59. rice st\_\_w *n.* dry stalks of cereal plants used as fodder, fuel, basket, etc.
60. 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
61. cultural n\_\_m *n.* something that is regarded as usual, typical, or standard
62. we\_\_\_\_\_d ecosystem *adj.* land that is saturated with water, either permanently or seasonally, such as swamps, marshes, and bogs
63. an in\_\_\_e pipe *n.* the act or process of taking food, air, etc., into your body through the mouth; the amount of food, air, or another substance that you take into your body
64. mon\_\_\_\_\_ing agriculture *n.* (also "monoculture") a farming practice involving the cultivation of a single crop on the same land year after year
65. re\_\_\_\_\_k the role of the manager *v.* to consider again a plan, idea, etc., especially to change it

ANSWERS: 56. vegetarian, 57. approximately, 58. kerosene, 59. straw, 60. oxygen, 61. norm, 62. wetland, 63. intake, 64. monocropping, 65. rethink

66. ins\_\_\_\_\_ent evidence *adj.* not enough for a particular purpose
67. defense me\_\_\_\_\_sm *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
68. ec\_\_\_\_\_ic approach *adj.* deriving ideas, styles, or features from a diverse range of sources; representing a broad or diverse range of ideas or interests
69. turn cattle out to gr\_\_e *v.* to feed on grass or other vegetation, especially by nibbling at it repeatedly; to break the skin of a body part by scraping
70. pi\_\_\_\_\_ne facilities *n.* a very long large tube that is usually underground and is used for carrying liquid or gas for long distances
71. a selfish de\_\_\_\_\_on *n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options
72. pos\_\_\_\_\_ty of a major earthquake *n.* a chance that something may happen or be true
73. mo\_\_\_\_\_er, she decided to go *adv.* indicating that what follows is an additional or supplementary point; furthermore; in addition to what has been said before
74. n\_\_m of action *n.* something that is regarded as usual, typical, or standard
75. sma\_\_\_\_\_ing agriculture *n.* a small farm or estate that the owner or family typically works; often used to describe a farm that is smaller than a standard agricultural unit

ANSWERS: 66. insufficient, 67. mechanism, 68. eclectic, 69. graze, 70. pipeline, 71. decision, 72. possibility, 73. moreover, 74. norm, 75. smallholding

76. Doppler sh\_\_t *n.* a slight transition in position, direction, or trend
77. re\_\_\_\_\_le energy *adj.* capable of being renewed, extended, or replaced
78. ma\_\_\_\_\_e stars *adj.* enormous amount; very heavy and solid
79. r\_\_k amateur *n.* a position in a hierarchy of status or authority; (verb) to take or have a position relative to others
80. the wel\_\_\_\_\_ng of a nation *n.* the state of being happy and healthy and prosperous
81. eat or\_\_\_\_\_c food *adj.* of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals
82. 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
83. ap\_\_\_\_\_d his courage *v.* to express approval of someone or something by clapping the hands
84. bu\_\_\_t wound *n.* a metal projectile that is shot from a gun
85. a fo\_\_\_l leaf *n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
86. 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
87. de\_\_\_\_\_e in quality *v.* to become gradually smaller, fewer, worse, etc.; to refuse to accept

ANSWERS: 76. shift, 77. renewable, 78. massive, 79. rank, 80. well-being, 81. organic, 82. diet, 83. applaud, 84. bullet, 85. fossil, 86. fossil, 87. decline

88. 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
89. ma\_\_\_\_e amounts      *adj.* enormous amount; very heavy and solid
90. as\_\_\_\_d the viewer      *v.* to surprise or shock someone with wonder very much
91. el\_\_\_\_fy a manufacturing process      *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
92. on an equal ba\_\_s      *n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged
93. his research area of  
con\_\_\_\_ion      *n.* the ability to focus all your time and energy on one thing without thinking about anything else.
94. agr\_\_\_\_try practices      *n.* a land-use management system that combines the cultivation of crops or the raising of livestock with the growth of trees and shrubs on the same piece of land
95. pl\_\_\_\_ly explain his motive      *adv.* in a manner that is believable, reasonable, or credible; in a way that appears to be true or likely based on available evidence or reasoning

ANSWERS: 88. develop, 89. massive, 90. astound, 91. electrify, 92. basis, 93. concentration, 94. agroforestry, 95. plausibly

96. during rep\_\_\_\_\_ive period      *adj.* connected with the process of reproduction; relating to reproducing babies, young animals, or plants
97. ta\_\_\_\_\_le assets      *adj.* real and concrete; able to be perceived, especially able to be touched; (of business assets) having physical substance and intrinsic monetary value
98. 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
99. fa\_\_\_\_\_nd acreage      *n.* land used for farming or agricultural purposes
100. ac\_\_\_\_\_e success      *v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do
101. 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
102. raw food ve\_\_n      *n.* a person who does not eat or use any animal products, typically for ethical or environmental reasons
103. int\_\_\_\_\_ne story      *v.* to twist together or become twisted together
104. in\_\_\_\_\_nt risk      *adj.* existing in something as a permanent, essential, or characteristic attribute

ANSWERS: 96. reproductive, 97. tangible, 98. develop, 99. farmland, 100. achieve, 101. adopt, 102. vegan, 103. intertwine, 104. inherent

105. botanical ex\_\_\_\_t      *n.* a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force
106. a data pi\_\_\_\_ne      *n.* a very long large tube that is usually underground and is used for carrying liquid or gas for long distances
107. a f\_n of a plane      *n.* a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance
108. many tr\_\_\_\_ons of dollars      *n.* the number 1,000,000,000,000; a million million
109. a chemical fer\_\_\_\_er      *n.* a natural or chemical substance added to soil to make plants grow more successfully
110. a tr\_\_\_\_on of a culture      *n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
111. atm\_\_\_\_ic pressure      *adj.* about or located in the earth's atmosphere
112. major paradigm sh\_\_t      *n.* a slight transition in position, direction, or trend
113. tu\_\_\_\_e aerofoil      *n.* a machine that rotates to generate power from fluids such as water or gas
114. young and old al\_\_e      *adv.* similar or identical in nature or appearance

ANSWERS: 105. extract, 106. pipeline, 107. fin, 108. trillion, 109. fertilizer, 110. tradition, 111. atmospheric, 112. shift, 113. turbine, 114. alike



115. im\_\_\_\_\_e a process      *v.* to make or become better
116. re\_\_\_\_\_e a phone      *v.* to take the place of something
117. cal\_\_\_\_\_on of loss and gain      *n.* the act or process of using numbers to judge an amount of something
118. visit to the veterinary cl\_\_\_\_c      *n.* a building or hospital department where people can go for medical care or advice, especially of a particular condition
119. ref\_\_\_\_\_nt gas      *n.* a substance used to transfer heat from one place to another in a refrigeration (the act of making or keeping things cold) system, usually in the form of a liquid or gas
120. in\_\_\_\_\_te both businesses      *v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups
121. pa\_\_\_\_\_e for sheep      *n.* an area of land used for grazing livestock
122. an in\_\_\_\_\_re future      *adj.* not firm or firmly fixed; likely to fail or give way, or not assured of safety
123. in\_\_\_\_\_re attachment      *adj.* not firm or firmly fixed; likely to fail or give way, or not assured of safety
124. sl\_\_e a glance      *v.* to move or cause to move smoothly along a surface without interruption
125. ex\_\_\_\_d a lineup      *v.* to increase or to make something greater in size, number, or importance
126. have an in\_\_\_\_\_nt dislike      *adj.* existing in something as a permanent, essential, or characteristic attribute

ANSWERS: 115. improve, 116. replace, 117. calculation, 118. clinic, 119. refrigerant, 120. integrate, 121. pasture, 122. insecure, 123. insecure, 124. slide, 125. expand, 126. inherent

127. re\_\_\_\_\_ce team roles *v.* to adjust or distribute something proportionally to restore balance; to make changes to bring a situation back into equilibrium or stability
128. tec\_\_\_\_\_cal advancement *adj.* based on scientific and industrial progress
129. jazz imp\_\_\_\_\_ion *n.* the act of making something up on the spot or creating or performing something without preparation
130. con\_\_\_\_\_ion to society *n.* the act of giving something, especially money, to a particular cause or organization; a voluntary gift as of money or service or ideas made to some worthwhile cause
131. in\_\_\_\_\_l a door *v.* to fix furniture, a machine, or a piece of equipment into position so that it can be used; put into an office or a position
132. in\_\_\_\_t in stocks *v.* to put money, effort, time, etc. into something to make a profit or achieve a result
133. principles of un\_\_\_\_\_al design *adj.* existing or affecting everywhere or everyone
134. a sense of wel\_\_\_\_\_ng *n.* the state of being happy and healthy and prosperous
135. combined ox\_\_e *n.* a chemical compound that contains at least one oxygen atom and one other element
136. there are ins\_\_\_\_\_ent doctors *adj.* not enough for a particular purpose
137. pe\_\_\_\_\_de application *n.* a substance used for preventing, destroying, repelling, or mitigating any pest

ANSWERS: 127. rebalance, 128. technological, 129. improvisation, 130. contribution, 131. install, 132. invest, 133. universal, 134. well-being, 135. oxide, 136. insufficient, 137. pesticide

138. sa\_\_\_\_\_rd environmental quality      *v.* to protect something or someone from harm, damage, or loss
139. gi\_\_t trees      *adj.* enormous; much bigger or more important than similar items usually are
140. con\_\_\_\_\_ive about production      *adj.* holding traditional views and values and opposed to change or innovation
141. pr\_\_\_\_\_e a better relationship      *v.* to encourage or persuade people to like, buy, use, do, or support something; to raise someone to a higher position or rank
142. with an am\_\_\_\_\_us eye      *adj.* having a great desire to attain achievement, power, or wealth
143. pos\_\_\_\_\_ty for growth      *n.* a chance that something may happen or be true
144. a small in\_\_\_e of breath      *n.* the act or process of taking food, air, etc., into your body through the mouth; the amount of food, air, or another substance that you take into your body
145. es\_\_\_\_\_te this chicken to weigh three pounds      *v.* to guess or calculate the cost, size, value, etc. of something
146. ac\_\_\_\_\_e milestones      *v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do
147. im\_\_\_\_\_nt a corporate strategy      *v.* to put a decision, plan, or system into effect
148. reduce my ca\_\_\_\_\_e intake      *n.* unit of heat defined as the quantity of heat required to raise the temperature of 1 gram of water by 1 degree Celsius at atmospheric pressure, used by nutritionists to measure how much energy food will produce

ANSWERS: 138. safeguard, 139. giant, 140. conservative, 141. promote, 142. ambitious, 143. possibility, 144. intake, 145. estimate, 146. achieve, 147. implement, 148. calorie

149. re\_\_\_e a message *v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
150. make a positive con\_\_\_\_\_ion *n.* the act of giving something, especially money, to a particular cause or organization; a voluntary gift as of money or service or ideas made to some worthwhile cause
151. supply ch\_\_n *n.* a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle
152. economic reg\_\_\_\_\_ion *n.* the process of regrowing or re-forming a body part or tissue that has been lost or damaged due to injury, disease, or other factors; restoration or renewal of vitality, strength, or spirit
153. in great co\_\_\_\_\_on *n.* the state of being mixed up or unclear, or the state of disorder or uncertainty
154. smokeless f\_\_l *n.* a substance that is typically burned to generate heat or energy
155. sta\_\_\_\_\_cs for cancer *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
156. investment dr\_\_\_\_\_wn *n.* the reduction or depletion of a resource, such as water, as a result of extraction or use; the act of withdrawing funds from an account or asset, typically associated with investment or borrowing

ANSWERS: 149. relate, 150. contribution, 151. chain, 152. regeneration, 153. confusion, 154. fuel, 155. statistics, 156. drawdown

157. re\_\_\_\_\_e milk packaging into new paper  
*v.* to sort and collect things to process them and produce valuable materials that can be used again
158. tr\_\_\_\_\_on cubic feet  
*n.* the number 1,000,000,000,000; a million million
159. an energy eff\_\_\_\_\_cy  
*n.* the state or quality of doing something well with no waste of input such as time or money
160. a dental cl\_\_\_\_c  
*n.* a building or hospital department where people can go for medical care or advice, especially of a particular condition
161. ph\_\_\_\_\_ut plan  
*n.* the gradual and deliberate process of discontinuing or reducing the use or production of a particular product, service, or technology, often in favor of a newer or more efficient alternative
162. scanty sus\_\_\_\_\_ce  
*n.* food and drink that living things need to nourish their body
163. fuel bi\_\_\_\_\_s  
*n.* the total quantity of living matter in a given unit of environment, including plants, animals, and microorganisms
164. a cold cl\_\_\_\_\_e  
*n.* the weather in a particular location averaged over some long period
165. pe\_\_\_\_\_de residue  
*n.* a substance used for preventing, destroying, repelling, or mitigating any pest
166. an ab\_\_\_\_\_nt supply of water  
*adj.* present in great quantity
167. achieve a vi\_\_\_\_e relationship  
*adj.* capable of being done as intended; able to succeed

ANSWERS: 157. recycle, 158. trillion, 159. efficiency, 160. clinic, 161. phase-out, 162. sustenance, 163. biomass, 164. climate, 165. pesticide, 166. abundant, 167. viable

168. 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
169. 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
170. make a cal\_\_\_\_\_on *n.* the act or process of using numbers to judge an amount of something
171. ref\_\_\_\_\_nt leak *n.* a substance used to transfer heat from one place to another in a refrigeration (the act of making or keeping things cold) system, usually in the form of a liquid or gas
172. li\_\_\_\_\_y as a right *n.* the state of being free within society from oppressive restrictions imposed by authority on one's way of life, behavior, or political views
173. acc\_\_\_\_\_te a chemical reaction *v.* to make something faster or earlier; to cause to develop or progress more quickly
174. change the ec\_\_\_\_\_em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
175. 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

ANSWERS: 168. planet, 169. biodiversity, 170. calculation, 171. refrigerant, 172. liberty, 173. accelerate, 174. ecosystem, 175. process

176. ex\_\_\_\_\_t a valuable opportunity      *v.* to make full use of and gain an advantage from resources, opportunities, etc.
177. face inc\_\_\_\_\_gly complicated challenges      *adv.* more and more
178. se\_\_\_\_\_er myself from the world      *v.* to take temporary possession of someone's property until a debt is paid.
179. a di\_\_\_\_\_se about art      *n.* any form of communication in speech or writing
180. reduce me\_\_\_\_\_e emissions      *n.* a chemical compound with the chemical formula CH<sub>4</sub> with no smell or color, often used as a fuel
181. on\_\_\_\_\_e wind farm      *adj.* located or happening on or near the shore or coastline; relating to activities or operations that take place on land as opposed to at sea
182. re\_\_\_\_\_e one word with another      *v.* to take the place of something
183. genic com\_\_\_\_\_ons      *n.* a collection of things that have been combined; an assemblage of separate parts or qualities
184. atmospheric oz\_\_\_e      *n.* a poisonous gas with the chemical formula O<sub>3</sub>, which has a strong smell
185. un\_\_\_\_\_al life      *adj.* existing or affecting everywhere or everyone
186. pr\_\_\_\_\_e a disease      *v.* to stimulate or give rise to a particular reaction or have a particular effect
187. pr\_\_\_\_\_e a reaction      *v.* to stimulate or give rise to a particular reaction or have a particular effect

ANSWERS: 176. exploit, 177. increasingly, 178. sequester, 179. discourse, 180. methane, 181. onshore, 182. replace, 183. combination, 184. ozone, 185. universal, 186. provoke, 187. provoke

188. ca\_\_\_\_\_e calculation *n.* unit of heat defined as the quantity of heat required to raise the temperature of 1 gram of water by 1 degree Celsius at atmospheric pressure, used by nutritionists to measure how much energy food will produce
189. 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
190. 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
191. chl\_\_\_\_\_bon production *n.* a type of organic compound containing carbon, chlorine, and fluorine, which was commonly used as a refrigerant and propellant, but which is now largely banned or restricted due to its destructive effect on the ozone layer
192. gi\_\_\_\_\_n-class bomb *n.* a unit of explosive energy equal to one billion tons of TNT (= a powerful, yellow explosive substance); one billion tons
193. co\_\_\_\_\_e a large of alcohol *v.* to spend something, especially fuel, energy, or time, in a large amount
194. ru\_\_l accents *adj.* of or relating to the countryside
195. adamantly d\_\_y killing *v.* to state that one refuses to admit the existence or truth of something
196. beginning of the ind\_\_\_\_\_al revolution *adj.* of or relating to or resulting from industry

ANSWERS: 188. calorie, 189. reverse, 190. biodiversity, 191. chlorofluorocarbon, 192. gigaton, 193. consume, 194. rural, 195. deny, 196. industrial



197. ap\_\_\_\_\_d the orchestra      *v.* to express approval of someone or something by clapping the hands
198. in\_\_\_\_t capital      *v.* to put money, effort, time, etc. into something to make a profit or achieve a result
199. 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
200. principles of sus\_\_\_\_\_le development      *adj.* able to continue or be continued for a long time
201. 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
202. inc\_\_\_\_\_ly cheerful character      *adv.* in a way that is very difficult to believe; exceedingly or extremely
203. se\_\_\_\_\_er ten percent of the annual carbon emissions      *v.* to take temporary possession of someone's property until a debt is paid.
204. de\_\_\_\_\_e environmental quality      *v.* to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others
205. a con\_\_\_\_\_ive society      *adj.* holding traditional views and values and opposed to change or innovation
206. im\_\_\_\_\_e the test score      *v.* to make or become better
207. 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.

ANSWERS: 197. applaud, 198. invest, 199. oxygen, 200. sustainable, 201. protein, 202. incredibly, 203. sequester, 204. degrade, 205. conservative, 206. improve, 207. photosynthesis

208. sa\_\_\_\_\_rd my property      *v.* to protect something or someone from harm, damage, or loss
209. flu\_\_\_\_\_bon aerosol      *n.* any of a group of synthetic organic compounds containing carbon, fluorine, and sometimes other elements used as refrigerants, solvents, propellants, and lubricants
210. ph\_\_\_\_\_ut period      *n.* the gradual and deliberate process of discontinuing or reducing the use or production of a particular product, service, or technology, often in favor of a newer or more efficient alternative
211. st\_\_k a key in a lock      *v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
212. 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
213. wa\_\_\_\_\_se debt      *n.* a large building for storing goods and merchandise, especially before they are sold, used, or sent out to shops
214. mo\_\_\_\_n poetry      *adj.* of or belonging to the present time or recent times
215. di\_\_\_\_\_e of a used product      *v.* to put things or people in a particular manner or position; to incline someone towards a specific activity or mood; throw or cast away

ANSWERS: 208. safeguard, 209. fluorocarbon, 210. phase-out, 211. stick, 212. economy, 213. warehouse, 214. modern, 215. dispose

216. suffer per\_\_\_\_\_on *n.* the act or practice of treating someone cruelly or unfairly, especially based on race, religion, or political belief
217. mon\_\_\_\_\_ing farming practices *n.* (also "monoculture") a farming practice involving the cultivation of a single crop on the same land year after year
218. int\_\_\_\_\_ion education *n.* a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market
219. st\_\_\_\_\_le against discrimination *v.* to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction
220. pr\_\_\_\_\_e bad behavior *v.* to encourage or persuade people to like, buy, use, do, or support something; to raise someone to a higher position or rank
221. hold di\_\_\_\_\_se with him *n.* any form of communication in speech or writing
222. inc\_\_\_\_\_gly become common *adv.* more and more
223. e\_\_t a gamma ray *v.* to give off or send out something such as light, heat, sound, gas, etc.
224. doubling of atm\_\_\_\_\_ic carbon dioxide *adj.* about or located in the earth's atmosphere
225. re\_\_\_\_\_k a marketing plan *v.* to consider again a plan, idea, etc., especially to change it

ANSWERS: 216. persecution, 217. monocropping, 218. introduction, 219. struggle, 220. promote, 221. discourse, 222. increasingly, 223. emit, 224. atmospheric, 225. rethink

226. al\_\_e in nature *adv.* similar or identical in nature or appearance
227. di\_\_\_\_e battleships for a battle *v.* to put things or people in a particular manner or position; to incline someone towards a specific activity or mood; throw or cast away
228. the characters that re\_\_\_\_nt numbers *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
229. con\_\_\_\_\_ion pills *n.* the use of methods or devices to prevent pregnancy, typically by blocking fertilization or implantation of a fertilized egg, which options include contraceptives, condoms, intrauterine devices (IUDs), and sterilization procedures
230. an\_\_\_\_e your real motives *v.* to think about in-depth and evaluate to discover essential features or meaning
231. people in ru\_\_l areas *adj.* of or relating to the countryside
232. co\_\_\_\_t fat into energy *v.* to have a talk with someone; (adjective) reversed in order, relation, or action
233. en\_\_\_\_on the project's success *v.* to imagine or expect what a situation will be like in the future
234. capital wa\_\_\_\_e cost *n.* the act or process of losing or destroying something, especially because it is old or has been dealt with carelessly
235. draft a pr\_\_\_\_ol *n.* a set of rules or procedures for transmitting data or conducting a process or activity, especially in computer networks or scientific experiments; the initial or original version of an agreement

ANSWERS: 226. alike, 227. dispose, 228. represent, 229. contraception, 230. analyze, 231. rural, 232. convert, 233. envision, 234. wastage, 235. protocol

236. economically fe\_\_\_\_\_le *adj.* capable of being or likely to be made, done, or achieved
237. ch\_\_n reaction *n.* a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle
238. st\_\_\_\_\_le to get the job *v.* to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction
239. d\_\_y the allegations *v.* to state that one refuses to admit the existence or truth of something
240. co\_\_\_\_\_e electricity *v.* to spend something, especially fuel, energy, or time, in a large amount
241. political ap\_\_\_y *n.* lack of emotion, concern, or enthusiasm
242. back f\_n *n.* a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance
243. nonsynthetic fer\_\_\_\_\_er *n.* a natural or chemical substance added to soil to make plants grow more successfully
244. burning ke\_\_\_\_\_ne *n.* a flammable, colorless, or pale yellow liquid derived from the distillation of petroleum, used as a fuel for lamps, stoves, and heaters
245. organic agr\_\_\_\_\_re *n.* the practice or science of cultivating the land or raising stock
246. un\_\_\_\_\_ie the current economic deadlock *v.* to be the support, basis, hidden cause of something; to be located under or below

ANSWERS: 236. feasible, 237. chain, 238. struggle, 239. deny, 240. consume, 241. apathy, 242. fin, 243. fertilizer, 244. kerosene, 245. agriculture, 246. underlie

247. atmospheric me\_\_\_\_e *n.* a chemical compound with the chemical formula CH<sub>4</sub> with no smell or color, often used as a fuel
248. emotional p\_\_p *n.* a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something
249. 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
250. get inc\_\_\_\_ly insecure *adv.* in a way that is very difficult to believe; exceedingly or extremely
251. intensive agr\_\_\_\_re *n.* the practice or science of cultivating the land or raising stock
252. a brief ex\_\_\_\_t from the book *n.* a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force
253. ca\_\_\_\_te the distance *v.* to judge or find out the amount or number of something by using mathematics
254. dual ge\_\_\_\_r *n.* the range of characteristics of femininity and masculinity and differentiating between them, especially when considering social and cultural differences rather than differences in biology

ANSWERS: 247. methane, 248. prop, 249. storage, 250. incredibly, 251. agriculture, 252. extract, 253. calculate, 254. gender

255. against tr\_\_\_\_\_on *n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
256. int\_\_\_\_\_ne thread *v.* to twist together or become twisted together
257. ca\_\_\_\_\_e connection *n.* a small waterfall or series of small waterfalls; a succession of stages or operations or processes or units
258. produce ta\_\_\_\_\_le results *adj.* real and concrete; able to be perceived, especially able to be touched; (of business assets) having physical substance and intrinsic monetary value
259. reg\_\_\_\_\_ive therapy *adj.* tending to regrow or restore lost or injured tissue
260. inc\_\_\_\_\_ble consequences *adj.* impossible to calculate or determine accurately; too great or numerous to be measured or counted
261. sus\_\_\_\_\_ce allowance *n.* food and drink that living things need to nourish their body
262. tec\_\_\_\_\_cal policy *adj.* based on scientific and industrial progress
263. students at all gr\_\_e levels *n.* a particular level of quality, size, importance, etc.
264. ref\_\_\_\_\_tor magnet *n.* an appliance or device used for preserving and cooling food and beverages by maintaining a low temperature within a closed compartment

ANSWERS: 255. tradition, 256. intertwine, 257. cascade, 258. tangible, 259. regenerative, 260. incalculable, 261. sustenance, 262. technological, 263. grade, 264. refrigerator

265. fun\_\_\_\_\_al education *adj.* forming an essential base or core from which everything else develops or is affected
266. co\_\_\_\_\_t base 10 to base 16 *v.* to have a talk with someone; (adjective) reversed in order, relation, or action
267. global em\_\_\_\_\_ons of greenhouse gases *n.* the act of production or sending out gas, heat, light, etc.
268. oz\_\_e depletion *n.* a poisonous gas with the chemical formula O<sub>3</sub>, which has a strong smell
269. ca\_\_\_\_\_te his credit score *v.* to judge or find out the amount or number of something by using mathematics
270. la\_\_\_\_\_ll sites *n.* a site for the disposal of waste materials
271. tu\_\_\_\_\_e energy *n.* a machine that rotates to generate power from fluids such as water or gas
272. cost of solar pa\_\_\_ls *n.* a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something
273. ve\_\_n lifestyle *n.* a person who does not eat or use any animal products, typically for ethical or environmental reasons
274. re\_\_\_\_\_le subscriptions *adj.* capable of being renewed, extended, or replaced
275. imp\_\_\_\_\_ion on stage *n.* the act of making something up on the spot or creating or performing something without preparation

ANSWERS: 265. fundamental, 266. convert, 267. emission, 268. ozone, 269. calculate, 270. landfill, 271. turbine, 272. panel, 273. vegan, 274. renewable, 275. improvisation



276. sus\_\_\_\_\_le alternative fuel      *adj.* able to continue or be continued for a long time
277. have no re\_\_\_\_\_ce      *n.* the state or degree of being closely connected or appropriate to the matter at hand
278. 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
279. 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
280. fe\_\_\_\_\_le assumption      *adj.* capable of being or likely to be made, done, or achieved
281. permanent pa\_\_\_\_\_e      *n.* an area of land used for grazing livestock
282. a ma\_\_c spell      *n.* beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers
283. cellular signaling pa\_\_\_\_\_ys      *n.* a track that constitutes or serves as a path; an approach or a way of doing something
284. industry-sp\_\_\_\_\_ic regulations      *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
285. ba\_\_s for calculation      *n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged

ANSWERS: 276. sustainable, 277. relevance, 278. atmosphere, 279. planet, 280. feasible, 281. pasture, 282. magic, 283. pathway, 284. specific, 285. basis

286. flu\_\_\_\_\_bon waste *n.* any of a group of synthetic organic compounds containing carbon, fluorine, and sometimes other elements used as refrigerants, solvents, propellants, and lubricants
287. silver ox\_\_e *n.* a chemical compound that contains at least one oxygen atom and one other element
288. un\_\_\_\_\_ie the theory of the big bang *v.* to be the support, basis, hidden cause of something; to be located under or below
289. ur\_\_n planning *adj.* relating to or located in a town or city
290. 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
291. ex\_\_\_\_\_t a security hole *v.* to make full use of and gain an advantage from resources, opportunities, etc.
292. sy\_\_\_\_\_ic fertilizer *adj.* made by combining chemical substances as opposed to being naturally occurring
293. construction of new c\_\_l plants *n.* a combustible black or brownish-black sedimentary rock that is found below the ground and burnt to produce heat
294. bi\_\_\_\_\_s energy *n.* the total quantity of living matter in a given unit of environment, including plants, animals, and microorganisms

ANSWERS: 286. fluorocarbon, 287. oxide, 288. underlie, 289. urban, 290. economy, 291. exploit, 292. synthetic, 293. coal, 294. biomass

295. biomass f\_\_l *n.* a substance that is typically burned to generate heat or energy
296. ref\_\_\_\_\_ion technology *n.* the process of cooling or freezing something, especially food, to preserve it
297. s\_\_k a buzzer-beater *v.* to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid substance or sink into something else
298. pre-mo\_\_\_n agricultural society *adj.* of or belonging to the present time or recent times
299. IT inf\_\_\_\_\_ure *n.* the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies
300. official sta\_\_\_\_\_cs *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
301. reg\_\_\_\_\_ion of forests *n.* the process of regrowing or re-forming a body part or tissue that has been lost or damaged due to injury, disease, or other factors; restoration or renewal of vitality, strength, or spirit
302. proper su\_\_\_t *n.* a set of things that are contained within another larger set; a portion or division of a group or category
303. or\_\_\_\_\_c soils *adj.* of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals

ANSWERS: 295. fuel, 296. refrigeration, 297. sink, 298. modern, 299. infrastructure, 300. statistics, 301. regeneration, 302. subset, 303. organic

304. the em\_\_\_\_\_on of light *n.* the act of production or sending out gas, heat, light, etc.
305. a private ind\_\_\_\_\_al *n.* a single person or thing, as distinct from a group
306. es\_\_\_\_\_te a fair value *v.* to guess or calculate the cost, size, value, etc. of something
307. sustainable agr\_\_\_\_\_try *n.* a land-use management system that combines the cultivation of crops or the raising of livestock with the growth of trees and shrubs on the same piece of land
308. ex\_\_\_\_d agricultural output *v.* to increase or to make something greater in size, number, or importance
309. form an ine\_\_\_\_\_ble bond *adj.* unable to be separated or escaped from
310. re\_\_\_\_\_nt by a diagram *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
311. ec\_\_\_\_\_ic style *adj.* deriving ideas, styles, or features from a diverse range of sources; representing a broad or diverse range of ideas or interests
312. fun\_\_\_\_\_al rights *adj.* forming an essential base or core from which everything else develops or is affected
313. transistor ca\_\_\_\_\_e *n.* a small waterfall or series of small waterfalls; a succession of stages or operations or processes or units
314. effects of cl\_\_\_\_\_e change *n.* the weather in a particular location averaged over some long period

ANSWERS: 304. emission, 305. individual, 306. estimate, 307. agroforestry, 308. expand, 309. inextricable, 310. represent, 311. eclectic, 312. fundamental, 313. cascade, 314. climate

315. st\_\_w basket *n.* dry stalks of cereal plants used as fodder, fuel, basket, etc.
316. 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.
317. 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
318. gi\_\_t tech company *adj.* enormous; much bigger or more important than similar items usually are
319. re\_\_\_n information *v.* to keep or continue to possess or maintain something
320. im\_\_\_\_\_nt security measures *v.* to put a decision, plan, or system into effect
321. fertile fa\_\_\_\_\_nd *n.* land used for farming or agricultural purposes
322. develop a vi\_\_\_e therapy *adj.* capable of being done as intended; able to succeed
323. inf\_\_\_\_\_ure cost *n.* the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies
324. re\_\_\_\_\_ce the budget *v.* to adjust or distribute something proportionally to restore balance; to make changes to bring a situation back into equilibrium or stability
325. hormonal con\_\_\_\_\_ion *n.* the use of methods or devices to prevent pregnancy, typically by blocking fertilization or implantation of a fertilized egg, which options include contraceptives, condoms, intrauterine devices (IUDs), and sterilization procedures

ANSWERS: 315. straw, 316. photosynthesis, 317. adopt, 318. giant, 319. retain, 320. implement, 321. farmland, 322. viable, 323. infrastructure, 324. rebalance, 325.

contraception

326. a c\_\_l-fired ship *n.* a combustible black or brownish-black sedimentary rock that is found below the ground and burnt to produce heat
327. inc\_\_\_\_\_ble damage *adj.* impossible to calculate or determine accurately; too great or numerous to be measured or counted
328. 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
329. ur\_\_n property owners *adj.* relating to or located in a town or city
330. 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
331. the big att\_\_\_\_\_on of the event *n.* a sense of like someone, particularly sexually; something that causes individuals to desire to go to a specific area or do a specific activity
332. ind\_\_\_\_\_al freedom *n.* a single person or thing, as distinct from a group
333. ge\_\_\_r-blind policies *n.* the range of characteristics of femininity and masculinity and differentiating between them, especially when considering social and cultural differences rather than differences in biology
334. ap\_\_\_y in the election *n.* lack of emotion, concern, or enthusiasm
335. app\_\_\_\_\_ely 3 feet long *adv.* close to a specific number or time but not exactly that number or time

ANSWERS: 326. coal, 327. incalculable, 328. protein, 329. urban, 330. diet, 331. attraction, 332. individual, 333. gender, 334. apathy, 335. approximately

336. an ine\_\_\_\_\_ble part of life      *adj.* unable to be separated or escaped from
337. fire st\_\_k      *v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
338. average fuel con\_\_\_\_\_on      *n.* the amount used or eaten; the act of using up a resource such as energy, food, or materials
339. dr\_\_\_\_\_wn period      *n.* the reduction or depletion of a resource, such as water, as a result of extraction or use; the act of withdrawing funds from an account or asset, typically associated with investment or borrowing
340. pro\_\_\_\_\_on of disease      *n.* the act or process of changing to the next stage or phase or moving forward
341. p\_\_p stick      *n.* a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something
342. con\_\_\_\_\_ion of armaments      *n.* the ability to focus all your time and energy on one thing without thinking about anything else.
343. reg\_\_\_\_\_ive medicine      *adj.* tending to regrow or restore lost or injured tissue
344. ind\_\_\_\_\_al alcohol      *adj.* of or relating to or resulting from industry

ANSWERS: 336. inextricable, 337. stick, 338. consumption, 339. drawdown, 340. progression, 341. prop, 342. concentration, 343. regenerative, 344. industrial



345. as\_\_\_\_d everyone      *v.* to surprise or shock someone with wonder very much
346. de\_\_\_\_e a job offer      *v.* to become gradually smaller, fewer, worse, etc.; to refuse to accept
347. de\_\_\_\_d of life      *adj.* completely lacking or free from something
348. in\_\_\_\_l a chairperson      *v.* to fix furniture, a machine, or a piece of equipment into position so that it can be used; put into an office or a position
349. di\_\_\_\_ce workers      *v.* to force someone or something to leave their home or place of origin, especially as a result of conflict, natural disaster, or manipulation
350. equ\_\_\_\_nt in meaning      *n.* having the same value, quality, meaning, purpose, etc.
351. el\_\_\_\_fy the audience      *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
352. the me\_\_\_\_sm for DNA replication      *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
353. ro\_\_\_\_p deck      *n.* the upper surface or cover of a building's roof, often used for recreational or other purposes
354. pa\_\_l discussion      *n.* a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something

ANSWERS: 345. astound, 346. decline, 347. devoid, 348. install, 349. displace, 350. equivalent, 351. electrify, 352. mechanism, 353. rooftop, 354. panel

355. we\_\_\_\_\_d conservation *adj.* land that is saturated with water, either permanently or seasonally, such as swamps, marshes, and bogs
356. self-int\_\_\_\_\_ion *n.* a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market
357. parched s\_\_l *n.* the top layer of Earth in which plants grow
358. administrative co\_\_\_\_\_on *n.* the state of being mixed up or unclear, or the state of disorder or uncertainty
359. a rental wa\_\_\_\_\_se *n.* a large building for storing goods and merchandise, especially before they are sold, used, or sent out to shops
360. sp\_\_\_\_\_ic instructions *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
361. ro\_\_\_\_\_p live *n.* the upper surface or cover of a building's roof, often used for recreational or other purposes
362. de\_\_\_\_\_se into simpler molecules *v.* to break down or cause to break down over time into simpler substances or elements
363. marine ec\_\_\_\_\_em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
364. di\_\_\_\_\_ce the explosive power *v.* to force someone or something to leave their home or place of origin, especially as a result of conflict, natural disaster, or manipulation

ANSWERS: 355. wetland, 356. introduction, 357. soil, 358. confusion, 359. warehouse, 360. specific, 361. rooftop, 362. decompose, 363. ecosystem, 364. displace

365. re\_\_\_\_\_e the cardboard boxes      *v.* to sort and collect things to process them and produce valuable materials that can be used again
366. 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
367. but mo\_\_\_\_\_er, they work well together      *adv.* indicating that what follows is an additional or supplementary point; furthermore; in addition to what has been said before
368. empty ref\_\_\_\_\_tor      *n.* an appliance or device used for preserving and cooling food and beverages by maintaining a low temperature within a closed compartment
369. an\_\_\_\_\_e a chemical compound      *v.* to think about in-depth and evaluate to discover essential features or meaning
370. 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
371. an op\_\_\_\_\_ne remark      *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
372. live an ab\_\_\_\_\_nt life      *adj.* present in great quantity

ANSWERS: 365. recycle, 366. storage, 367. moreover, 368. refrigerator, 369. analyze, 370. reverse, 371. opportune, 372. abundant

## Session 3: Fill in the Blanks

1. There are five distinct \_\_\_\_\_ at five unique wavelengths.  
*n.* the act of production or sending out gas, heat, light, etc.
2. The construction of the new dam will \_\_\_\_\_ hundreds of families living downstream.  
*v.* to force someone or something to leave their home or place of origin, especially as a result of conflict, natural disaster, or manipulation
3. He could not \_\_\_\_\_ against temptation.  
*v.* to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction
4. Rebels sabotaged the main \_\_\_\_\_ supplying oil.  
*n.* a very long large tube that is usually underground and is used for carrying liquid or gas for long distances
5. The \_\_\_\_\_ to the safe was a secret.  
*n.* a collection of things that have been combined; an assemblage of separate parts or qualities
6. He couldn't \_\_\_\_\_ the actual value of the artwork.  
*v.* to judge or find out the amount or number of something by using mathematics
7. The stray \_\_\_\_\_ went through the window and hit the wall.  
*n.* a metal projectile that is shot from a gun
8. This documentary deals with the \_\_\_\_\_ biology of the buffalo.  
*adj.* connected with the process of reproduction; relating to reproducing babies, young animals, or plants

ANSWERS: 1. emissions, 2. displace, 3. struggle, 4. pipeline, 5. combination, 6. calculate, 7. bullet, 8. reproductive

9. The production of \_\_\_\_\_ fuels requires massive volumes of fresh water.  
*adj.* capable of being renewed, extended, or replaced
10. The supermarket had a large \_\_\_\_\_ section with all kinds of fresh produce.  
*n.* the process of cooling or freezing something, especially food, to preserve it
11. The earthquake that hit the Pacific Ocean last night is said to have released about 30 \_\_\_\_\_ of energy.  
*n.* a unit of explosive energy equal to one billion tons of TNT (= a powerful, yellow explosive substance); one billion tons
12. 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
13. The picture earned near-\_\_\_\_\_ acclaim from critics.  
*adj.* existing or affecting everywhere or everyone
14. This country faces problems in finding enough suitable \_\_\_\_\_ sites.  
*n.* a site for the disposal of waste materials
15. Our company must continue to strive for greater \_\_\_\_\_.  
*n.* the state or quality of doing something well with no waste of input such as time or money
16. He created a beautiful piece of music using only \_\_\_\_\_.  
*n.* the act of making something up on the spot or creating or performing something without preparation

ANSWERS: 9. renewable, 10. refrigeration, 11. gigatons, 12. fossil, 13. universal, 14. landfill, 15. efficiency, 16. improvisation

17. \_\_\_\_\_ advances have disrupted many industries.

*adj.* based on scientific and industrial progress

18. Cultural norms strongly influence \_\_\_\_\_ expectations.

*n.* the range of characteristics of femininity and masculinity and differentiating between them, especially when considering social and cultural differences rather than differences in biology

19. Honesty is an \_\_\_\_\_ quality that everyone should strive to possess.

*adj.* existing in something as a permanent, essential, or characteristic attribute

20. The \_\_\_\_\_ amount of stars in the universe is mind-boggling.

*adj.* impossible to calculate or determine accurately; too great or numerous to be measured or counted

21. The religious minority faced \_\_\_\_\_ from the dominant group.

*n.* the act or practice of treating someone cruelly or unfairly, especially based on race, religion, or political belief

22. The sudden policy change has caused \_\_\_\_\_ among employees.

*n.* the state of being mixed up or unclear, or the state of disorder or uncertainty

23. You \_\_\_\_\_ a bill in the change machine, and the coins pop out.

*v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material

24. The recent economic downturn has resulted in \_\_\_\_\_ layoffs.

*adj.* enormous amount; very heavy and solid

ANSWERS: 17. Technological, 18. gender, 19. inherent, 20. incalculable, 21. persecution, 22. confusion, 23. stick, 24. massive

25. This trail takes \_\_\_\_\_ 2.5 hours.

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

26. The teacher attempted to \_\_\_\_\_ the root cause of our mistake.

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

27. The European Central Bank is Europe's \_\_\_\_\_ of the Federal Reserve.

*n.* having the same value, quality, meaning, purpose, etc.

28. This evidence will form the \_\_\_\_\_ for our discussion.

*n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged

29. He discovered unique \_\_\_\_\_ for photochemical reactions.

*n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction

30. Could you help me \_\_\_\_\_ some furniture?

*n.* a slight transition in position, direction, or trend

31. 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

32. The kidney is an \_\_\_\_\_ component of the body.

*adj.* of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals

33. We \_\_\_\_\_ our mining resources to strengthen our national power.

*v.* to make full use of and gain an advantage from resources, opportunities, etc.

ANSWERS: 25. approximately, 26. analyze, 27. equivalent, 28. basis, 29. mechanisms, 30. shift, 31. oxygen, 32. organic, 33. exploit

34. 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
35. We want to \_\_\_\_\_ ties between our two countries.
- v.* to make or become better
36. She was struggling to make a \_\_\_\_\_ between two job offers.
- n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options
37. The \_\_\_\_\_ layer is vital for blocking some harmful sun rays.
- n.* a poisonous gas with the chemical formula O<sub>3</sub>, which has a strong smell
38. It would be best if you burned off \_\_\_\_\_ through vigorous exercise.
- n.* unit of heat defined as the quantity of heat required to raise the temperature of 1 gram of water by 1 degree Celsius at atmospheric pressure, used by nutritionists to measure how much energy food will produce
39. The government should do more to \_\_\_\_\_ sustainable agribusiness.
- v.* to encourage or persuade people to like, buy, use, do, or support something; to raise someone to a higher position or rank
40. The fire ruined all the food stored in the \_\_\_\_\_.
- n.* a large building for storing goods and merchandise, especially before they are sold, used, or sent out to shops
41. The ignition of \_\_\_\_\_ gas in the plant killed five employees.
- n.* a chemical compound with the chemical formula CH<sub>4</sub> with no smell or color, often used as a fuel

ANSWERS: 34. chain, 35. improve, 36. decision, 37. ozone, 38. calories, 39. promote, 40. warehouse, 41. methane



42. We had raised a small amount of money from investors, but funds were \_\_\_\_\_.  
*adj.* not enough for a particular purpose
43. This measure will \_\_\_\_\_ people against terrorism.  
*v.* to protect something or someone from harm, damage, or loss
44. The final result was nothing short of \_\_\_\_\_.  
*v.* to surprise or shock someone with wonder very much
45. Eventually, the new design will \_\_\_\_\_ all older models.  
*v.* to take the place of something
46. He approved their requests to \_\_\_\_\_ the jury.  
*v.* to take temporary possession of someone's property until a debt is paid.
47. We have finally lost our last \_\_\_\_\_.  
*n.* a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something
48. The \_\_\_\_\_ hat protected her face from the sun while she worked in the fields.  
*n.* dry stalks of cereal plants used as fodder, fuel, basket, etc.
49. Only a small number of \_\_\_\_\_ utilities offer sanitation services.  
*adj.* relating to or located in a town or city
50. We must be more attentive to energy \_\_\_\_\_.  
*n.* the act or process of losing or destroying something, especially because it is old or has been dealt with carelessly

ANSWERS: 42. insufficient, 43. safeguard, 44. astounding, 45. replace, 46. sequester, 47. prop, 48. straw, 49. urban, 50. wastage

51. The \_\_\_\_\_ of the damaged tissue in the body is a slow process.
- n.* the process of regrowing or re-forming a body part or tissue that has been lost or damaged due to injury, disease, or other factors; restoration or renewal of vitality, strength, or spirit
52. A regular job is often a spiritual \_\_\_\_\_.
- n.* food and drink that living things need to nourish their body
53. Their company has been in business for a short time but has \_\_\_\_\_ goals.
- adj.* having a great desire to attain achievement, power, or wealth
54. The vines \_\_\_\_\_ to form a thick canopy overhead.
- v.* to twist together or become twisted together
55. In our country, water \_\_\_\_\_ usually decreases during the winter.
- n.* the amount used or eaten; the act of using up a resource such as energy, food, or materials
56. \_\_\_\_\_ gases are used in some medical applications, such as artificial respiration.
- n.* any of a group of synthetic organic compounds containing carbon, fluorine, and sometimes other elements used as refrigerants, solvents, propellants, and lubricants
57. We cannot \_\_\_\_\_ her as President.
- v.* to imagine or expect what a situation will be like in the future
58. He was promoted to the \_\_\_\_\_ of captain in the military.
- n.* a position in a hierarchy of status or authority; (verb) to take or have a position relative to others

ANSWERS: 51. regeneration, 52. sustenance, 53. ambitious, 54. intertwine, 55. consumption, 56. Fluorocarbon, 57. envision, 58. rank

59. After the earthquake, many of the buildings in the city were left in ruins and began to \_\_\_\_\_.
- v.* to break down or cause to break down over time into simpler substances or elements
60. He is still \_\_\_\_\_ stealing the money from the cash register.
- v.* to state that one refuses to admit the existence or truth of something
61. 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
62. Sweet \_\_\_\_\_ makes short days and nights.
- n.* any form of communication in speech or writing
63. We largely \_\_\_\_\_ the circuit board of cell phones because they contain a lot of valuable metals.
- v.* to sort and collect things to process them and produce valuable materials that can be used again
64. 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
65. 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: 59. decompose, 60. denying, 61. process, 62. discourse, 63. recycle, 64. atmosphere, 65. ecosystem

66. \_\_\_\_\_ emissions have been linked to the thinning of the ozone layer.
- n.* a type of organic compound containing carbon, chlorine, and fluorine, which was commonly used as a refrigerant and propellant, but which is now largely banned or restricted due to its destructive effect on the ozone layer
67. During the unloading, the container box \_\_\_\_\_ a clicking sound.
- v.* to give off or send out something such as light, heat, sound, gas, etc.
68. The company is environmentally conscious, and \_\_\_\_\_ it uses sustainable materials in its products.
- adv.* indicating that what follows is an additional or supplementary point; furthermore; in addition to what has been said before
69. 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
70. 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
71. The \_\_\_\_\_ demonstrate that poverty and unemployment are genuine problems.
- n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
72. When the first molecule in the \_\_\_\_\_ receives a signal, it activates other molecules.
- n.* a track that constitutes or serves as a path; an approach or a way of doing something

ANSWERS: 66. Chlorofluorocarbon, 67. emits, 68. moreover, 69. planet, 70. infrastructure, 71. statistics, 72. pathway

73. He always makes a \_\_\_\_\_ estimation when predicting future sales.  
*adj.* holding traditional views and values and opposed to change or innovation
74. They held the dinner party on the \_\_\_\_\_ terrace, enjoying the beautiful view of the city.  
*n.* the upper surface or cover of a building's roof, often used for recreational or other purposes
75. Generally speaking, the child is innately \_\_\_\_\_ to learn a language.  
*v.* to put things or people in a particular manner or position; to incline someone towards a specific activity or mood; throw or cast away
76. Anesthetize the gum before \_\_\_\_\_ the teeth.  
*n.* a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force
77. The new president was \_\_\_\_\_ immediately after the national election.  
*v.* to fix furniture, a machine, or a piece of equipment into position so that it can be used; put into an office or a position
78. 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.
79. We combust \_\_\_\_\_ and other fossil fuels to generate electricity.  
*n.* a combustible black or brownish-black sedimentary rock that is found below the ground and burnt to produce heat

ANSWERS: 73. conservative, 74. rooftop, 75. disposed, 76. extracting, 77. installed, 78. photosynthesis, 79. coal

80. The government is encouraging farmers to expand their \_\_\_\_\_ to increase food production.
- n.* land used for farming or agricultural purposes
81. Departments may set requirements for a higher \_\_\_\_\_ point average.
- n.* a particular level of quality, size, importance, etc.
82. 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
83. 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
84. 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
85. You should not \_\_\_\_\_ yourself by allowing them to use you.
- v.* to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others
86. Don't forget to put the eggs in the \_\_\_\_\_ after you've used them.
- n.* an appliance or device used for preserving and cooling food and beverages by maintaining a low temperature within a closed compartment

ANSWERS: 80. farmland, 81. grade, 82. specific, 83. develop, 84. economy, 85. degrade, 86. refrigerator

87. Male gorillas with good drumming skills are more \_\_\_\_\_.  
*adj.* capable of being done as intended; able to succeed
88. It is not \_\_\_\_\_ and inefficient to complete many tasks at once.  
*adj.* capable of being or likely to be made, done, or achieved
89. As people age, their digestive capacity also gradually \_\_\_\_\_.  
*v.* to become gradually smaller, fewer, worse, etc.; to refuse to accept
90. He performed \_\_\_\_\_ tricks with sophisticated moves.  
*n.* beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers
91. We \_\_\_\_\_ the season's total trade deficit at \$50 billion.  
*v.* to guess or calculate the cost, size, value, etc. of something
92. His bitter experiences \_\_\_\_\_ his moral principles.  
*v.* to be the support, basis, hidden cause of something; to be located under or below
93. The shipping company decided to switch to \_\_\_\_\_ storage to reduce costs.  
*adj.* located or happening on or near the shore or coastline; relating to activities or operations that take place on land as opposed to at sea
94. The \_\_\_\_\_ to the new class was informative and engaging.  
*n.* a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market

ANSWERS: 87. viable, 88. feasible, 89. declines, 90. magic, 91. estimated, 92. underlie, 93. onshore, 94. introduction

95. Her \_\_\_\_\_ taste in music ranges from classical to hip-hop.  
*adj.* deriving ideas, styles, or features from a diverse range of sources; representing a broad or diverse range of ideas or interests
96. The lamp in the cabin burned \_\_\_\_\_ for light.  
*n.* a flammable, colorless, or pale yellow liquid derived from the distillation of petroleum, used as a fuel for lamps, stoves, and heaters
97. As an \_\_\_\_\_ he had the right to make his own decisions and live his life as he saw fit.  
*n.* a single person or thing, as distinct from a group
98. 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
99. If necessary, you can \_\_\_\_\_ the front seats forward.  
*v.* to move or cause to move smoothly along a surface without interruption
100. \_\_\_\_\_ moisture is another significant component controlling soil respiration.  
*n.* the top layer of Earth in which plants grow
101. 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
102. A smaller car will \_\_\_\_\_ less fuel.  
*v.* to spend something, especially fuel, energy, or time, in a large amount

ANSWERS: 95. eclectic, 96. kerosene, 97. individual, 98. biodiversity, 99. slide, 100. Soil, 101. protein, 102. consume



103. The company's new software is highly \_\_\_\_\_ allowing it to handle increasing number of users.

*adj.* capable of being easily expanded or increased in size, number, or scale to meet changing demands

104. Many \_\_\_\_\_ areas are still impoverished.

*adj.* of or relating to the countryside

105. \_\_\_\_\_ is the foundation of our economy.

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

106. Their headquarters are in a \_\_\_\_\_ skyscraper.

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

107. \_\_\_\_\_ diamonds play an essential role as machine tool blades.

*adj.* made by combining chemical substances as opposed to being naturally occurring

108. The company has made great strides in its \_\_\_\_\_ toward sustainability.

*n.* the act or process of changing to the next stage or phase or moving forward

109. \_\_\_\_\_ systems significantly contribute to climate change mitigation by sequestering carbon in trees and soils.

*n.* a land-use management system that combines the cultivation of crops or the raising of livestock with the growth of trees and shrubs on the same piece of land

110. 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

ANSWERS: 103. scalable, 104. rural, 105. Agriculture, 106. modern, 107. Synthetic, 108. progression, 109. Agroforestry, 110. greenhouse

111. The \_\_\_\_\_ of this information to the current situation needs to be investigated.
- n.* the state or degree of being closely connected or appropriate to the matter at hand
112. The systems we have developed has accepted as industry \_\_\_\_\_.
- n.* something that is regarded as usual, typical, or standard
113. The \_\_\_\_\_ in the air conditioning system helps to cool the room.
- n.* a substance used to transfer heat from one place to another in a refrigeration (the act of making or keeping things cold) system, usually in the form of a liquid or gas
114. The government promised to \_\_\_\_\_ a new system to control the financial crisis.
- v.* to put a decision, plan, or system into effect
115. The cows were grazing in the \_\_\_\_\_.
- n.* an area of land used for grazing livestock
116. He tried to \_\_\_\_\_ his experience to the group, but they couldn't understand.
- v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
117. 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
118. 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

ANSWERS: 111. relevance, 112. norms, 113. refrigerant, 114. implement, 115. pasture, 116. relate, 117. nutrients, 118. diet

119. The \_\_\_\_\_ of the old product line is scheduled for next year.
- n.* the gradual and deliberate process of discontinuing or reducing the use or production of a particular product, service, or technology, often in favor of a newer or more efficient alternative
120. The error in the \_\_\_\_\_ was attributable to rounding.
- n.* the act or process of using numbers to judge an amount of something
121. The \_\_\_\_\_ in a forest can be measured by collecting and weighing all living plants within a specific area.
- n.* the total quantity of living matter in a given unit of environment, including plants, animals, and microorganisms
122. The phone rang at the most \_\_\_\_\_ time.
- adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
123. Several cities are experiencing \_\_\_\_\_ high unemployment rates.
- adv.* in a way that is very difficult to believe; exceedingly or extremely
124. The country has \_\_\_\_\_ oil and natural gas resources.
- adj.* present in great quantity
125. The wind \_\_\_\_\_ were spinning rapidly, generating clean energy for the nearby town.
- n.* a machine that rotates to generate power from fluids such as water or gas
126. We have to \_\_\_\_\_ our company's product lineup for further growth.
- v.* to consider again a plan, idea, etc., especially to change it

ANSWERS: 119. phase-out, 120. calculation, 121. biomass, 122. opportune, 123. incredibly, 124. abundant, 125. turbines, 126. rethink

127. The farmer sprayed \_\_\_\_\_ on his crops to protect them from insects.  
*n.* a substance used for preventing, destroying, repelling, or mitigating any pest
128. This exam requires excellent \_\_\_\_\_ to pass.  
*n.* the ability to focus all your time and energy on one thing without thinking about anything else.
129. She \_\_\_\_\_ explained why she was late for the meeting.  
*adv.* in a manner that is believable, reasonable, or credible; in a way that appears to be true or likely based on available evidence or reasoning
130. His \_\_\_\_\_ to the charity was a generous donation of money.  
*n.* the act of giving something, especially money, to a particular cause or organization; a voluntary gift as of money or service or ideas made to some worthwhile cause
131. 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
132. He found that it is difficult to \_\_\_\_\_ socially.  
*v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups
133. One light year is nearly 6 \_\_\_\_\_ miles.  
*n.* the number 1,000,000,000,000; a million million
134. The abandoned ship slowly began to \_\_\_\_\_ into the murky waters of the harbor.  
*v.* to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid substance or sink into something else

ANSWERS: 127. pesticide, 128. concentration, 129. plausibly, 130. contribution, 131. adopted, 132. integrate, 133. trillion, 134. sink

135. A \_\_\_\_\_ of the employees will be trained in the new software program.  
*n.* a set of things that are contained within another larger set; a portion or division of a group or category
136. I want to \_\_\_\_\_ my sadness into strength.  
*v.* to have a talk with someone; (adjective) reversed in order, relation, or action
137. We are responsible for the care and \_\_\_\_\_ of all our employees.  
*n.* the state of being happy and healthy and prosperous
138. She holds a \_\_\_\_\_ on Tuesday mornings.  
*n.* a building or hospital department where people can go for medical care or advice, especially of a particular condition
139. The founding fathers fought for the \_\_\_\_\_ of the American people.  
*n.* the state of being free within society from oppressive restrictions imposed by authority on one's way of life, behavior, or political views
140. Our company found it \_\_\_\_\_ difficult to keep up with the competition.  
*adv.* more and more
141. Her behavior \_\_\_\_\_ a quarrel between the couple.  
*v.* to stimulate or give rise to a particular reaction or have a particular effect
142. A problem that has been pointed out for years finally becomes \_\_\_\_\_.  
*adj.* real and concrete; able to be perceived, especially able to be touched; (of business assets) having physical substance and intrinsic monetary value
143. The farmer's \_\_\_\_\_ was enough to grow and sell vegetables for their family at the local market.  
*n.* a small farm or estate that the owner or family typically works; often used to describe a farm that is smaller than a standard agricultural unit

ANSWERS: 135. subset, 136. convert, 137. well-being, 138. clinic, 139. liberty, 140. increasingly, 141. provoked, 142. tangible, 143. smallholding

144. 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
145. \_\_\_\_\_ and weather have an impact on every part of our lifestyles.
- n.* the weather in a particular location averaged over some long period
146. The farmer's reliance on \_\_\_\_\_ has depleted soil and decreased yields.
- n.* (also "monoculture") a farming practice involving the cultivation of a single crop on the same land year after year
147. The two paintings looked \_\_\_\_\_ as if the same artist had done them.
- adv.* similar or identical in nature or appearance
148. Condoms are a common method of \_\_\_\_\_ that both men and women can use.
- n.* the use of methods or devices to prevent pregnancy, typically by blocking fertilization or implantation of a fertilized egg, which options include contraceptives, condoms, intrauterine devices (IUDs), and sterilization procedures
149. The shark's powerful \_\_\_\_\_ allowed it to swim at high speeds.
- n.* a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance
150. The \_\_\_\_\_ scarcity most severely impacted the manufacturing sector
- n.* a substance that is typically burned to generate heat or energy
151. He has been advised to reduce his daily fat \_\_\_\_\_.
- n.* the act or process of taking food, air, etc., into your body through the mouth; the amount of food, air, or another substance that you take into your body

ANSWERS: 144. fertilizers, 145. Climate, 146. monocropping, 147. alike, 148. contraception, 149. fins, 150. fuel, 151. intake

152. The room was \_\_\_\_\_ of any furniture or decorations.

*adj.* completely lacking or free from something

153. The product developed through years of research continues to \_\_\_\_\_ the market.

*v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something

154. The knot was \_\_\_\_\_ and she had to use scissors to cut it.

*adj.* unable to be separated or escaped from

155. The sheep \_\_\_\_\_ on the green grass in the meadow.

*v.* to feed on grass or other vegetation, especially by nibbling at it repeatedly; to break the skin of a body part by scraping

156. I enthusiastically \_\_\_\_\_ my rival's achievement.

*v.* to express approval of someone or something by clapping the hands

157. 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

158. The organization initiated a \_\_\_\_\_ of resources from its disaster relief fund to assist the affected communities.

*n.* the reduction or depletion of a resource, such as water, as a result of extraction or use; the act of withdrawing funds from an account or asset, typically associated with investment or borrowing

159. 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

ANSWERS: 152. devoid, 153. electrify, 154. inextricable, 155. graze, 156. applaud, 157. invest, 158. drawdown, 159. storage

160. The sea surface temperature and \_\_\_\_\_ circulation are inextricably linked.

*adj.* about or located in the earth's atmosphere

161. The \_\_\_\_\_ area was home to many different species of birds.

*adj.* land that is saturated with water, either permanently or seasonally, such as swamps, marshes, and bogs

162. \_\_\_\_\_ design has become more focused on human nature aspect than ever before.

*adj.* of or relating to or resulting from industry

163. A \_\_\_\_\_ of economic advisers from the United States visited the country to help rebuild its economy.

*n.* a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something

164. Computers help people \_\_\_\_\_ specific memories.

*v.* to keep or continue to possess or maintain something

165. The government tried to \_\_\_\_\_ the commercialization of this development.

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

166. 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

167. I need to \_\_\_\_\_ my investment portfolio to reduce risk.

*v.* to adjust or distribute something proportionally to restore balance; to make changes to bring a situation back into equilibrium or stability

ANSWERS: 160. atmospheric, 161. wetland, 162. Industrial, 163. panel, 164. retain, 165. accelerate, 166. carbon, 167. rebalance



168. The \_\_\_\_\_ diet is based on plant-based foods.

*n.* a person who does not eat or use any animal products, typically for ethical or environmental reasons

169. 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

170. The company has a strict \_\_\_\_\_ for handling sensitive information to ensure security.

*n.* a set of rules or procedures for transmitting data or conducting a process or activity, especially in computer networks or scientific experiments; the initial or original version of an agreement

171. Children in an unstructured environment often feel \_\_\_\_\_.

*adj.* not firm or firmly fixed; likely to fail or give way, or not assured of safety

172. The \_\_\_\_\_ jets gradually dominate the world's airlines.

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

173. The government should do more to support environmentally \_\_\_\_\_ agriculture.

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

174. The \_\_\_\_\_ properties of stem cells make them a promising area of research.

*adj.* tending to regrow or restore lost or injured tissue

175. They hope to \_\_\_\_\_ their business worldwide.

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

ANSWERS: 168. vegan, 169. reversed, 170. protocol, 171. insecure, 172. giant, 173. sustainable, 174. regenerative, 175. expand

176. The global economic crisis has led to pervasive \_\_\_\_\_ and powerlessness.  
*n.* lack of emotion, concern, or enthusiasm
177. This restaurant has \_\_\_\_\_ dishes as well.  
*n.* a person who does not eat meat or fish, or often any animal products, for health or religious reasons
178. Human behavior has \_\_\_\_\_ characteristics.  
*adj.* forming an essential base or core from which everything else develops or is affected
179. We elected him to \_\_\_\_\_ us at the international conference.  
*v.* to speak, act, or be present on behalf of another person or group; to form or constitute
180. She felt an instant \_\_\_\_\_ toward him.  
*n.* a sense of like someone, particularly sexually; something that causes individuals to desire to go to a specific area or do a specific activity
181. It is a \_\_\_\_\_ in many families to have a big Thanksgiving dinner with all their relatives.  
*n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
182. I will work hard to \_\_\_\_\_ my goals and realize my dreams.  
*v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do
183. 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

ANSWERS: 176. apathy, 177. vegetarian, 178. fundamental, 179. represent, 180. attraction, 181. tradition, 182. achieve, 183. yield

184. The \_\_\_\_\_ of getting the disease will drastically increase.

*n.* a chance that something may happen or be true

185. The \_\_\_\_\_ of waterfalls in the national park was a breathtaking sight.

*n.* a small waterfall or series of small waterfalls; a succession of stages or operations or processes or units

186. The blood's red coloring comes from iron \_\_\_\_\_.

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

ANSWERS: 184. possibility, 185. cascade, 186. oxide