

# Englist.me



## Vocabulary Builder Reference from...

*Martin Hanczyc: The line between life and not-life |*

*TED Talk*

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etween\\_life\\_and\\_not\\_life](https://www.ted.com/talks/martin_hanczyc_the_line_between_life_and_not_life)

### All Words

#### IMPORTANT

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## Session 1: Word List

### historic

*adj.* famous or significant in history, or potentially so

*synonym*: memorable, momentous, historical

(1) **historic** accomplishment, (2) achieve the **historic** feat

The Chinese people have accomplished several **historic** feats.

### divide

*v.* to separate or cause to separate into parts or groups

*synonym*: separate, disconnect, split

(1) **divide** the cake into two pieces, (2) **divide** money equally

Can you **divide** 123321 by eleven?

### complexity

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

*synonym*: intricacy, sophistication, elaboration

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

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

### crystal

*n.* a solid material with many even sides that is formed naturally when the substance becomes solid and has a highly regular atomic structure; clear and colorless glass made of almost pure silica

*synonym* : quartz

(1) liquid **crystal**, (2) **crystal** analyses

A vast **crystal** chandelier glittered brightly above us.

## blur

*n.* a faint or indistinct image or sound; something that is not clear or distinct; (verb) to become unclear; to lose clear vision

*synonym* : smudge, smear, fuzz

(1) **blur** image, (2) motion **blur**

The camera's focus was off, and the image was a **blur** of colors and shapes.

## distinction

*n.* a difference or contrast between similar things or people

*synonym* : eminence, noteworthiness, excellence

(1) important **distinction**, (2) draw a **distinction**

I can't see any **distinction** between these two concepts.

## continuum

*n.* a series of similar items in which no part or portion is distinct or distinguishable from adjacent parts

*synonym* : continuation, continuity

(1) a space-time **continuum**, (2) the **continuum** of events

Our life is a **continuum** of experience in which events pass from the future through the present to the past.

## virus

*n.* a tiny infectious organic material that causes disease in people, animals, and plants

*synonym* : bacterium, germ, ailment

(1) spread of the **virus**, (2) a strain of **virus**

An infected person in the hospital will likely pass the **virus** to others.

## simplistic

*adj.* oversimplified or lacking in complexity or depth; characterized by an attempt to explain something complex or multifaceted with overly vague or simple terms

*synonym* : basic, uncomplicated, elementary

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

The politician's solution to the problem was too **simplistic** to solve the underlying issue.

## satisfy

*v.* to make somebody pleased by giving them what they want or need

*synonym*: please, amuse, meet

(1) **satisfy** a desire, (2) **satisfy** a user's needs

Did this response **satisfy** your request?

## requirement

*n.* something that is needed or wanted

*synonym*: prerequisite, provision, condition

(1) meet **requirement**, (2) school **requirement**

What is the entry **requirement** for this course?

## characteristic

*n.* a typical feature or quality that can identify, tell apart, or describe something or somebody

*synonym*: feature, quality, attribute

(1) stripes **characteristic** of the zebra, (2) my friend's **characteristic** laugh

Bananas have their **characteristic** taste and odor.

## parasite

*n.* an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense

*synonym*: hitchhiker, leech, saprophyte

(1) blood-sucking **parasite**, (2) **parasite** disease

Tapeworms are **parasites** that live in the intestines of humans and animals.

## reproduce

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

*synonym*: duplicate, breed, imitate

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

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

## evolve

*v.* to develop gradually, or to cause the development of something or someone gradually

*synonym*: develop, mature, grow

(1) **evolve**, (2) **evolve** over the past decade

Eyeless fish **evolved** in dark caves.

## experiment

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

*synonym*: experimentation, investigation

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

His **experiments** showed highly positive results.

## spectrum

*n.* an ordered array of colors into which a light beam can be split

*synonym*: range, scale, spread

(1) a broad **spectrum** of opinion, (2) infrared **spectrum**

This device displayed the speech **spectrum** spectrographically.

## chemical

*adj.* relating to or connected with chemistry;

*synonym*: chemic, synthetic

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

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

## laboratory

*n.* a workplace for doing scientific research or teaching science; a lab

*synonym*: lab, workshop, testing room

(1) **laboratory** accident, (2) anthropology **laboratory**

Animal protection groups call for an end to animal testing in a **laboratory**.

## ingredient

*n.* one of the things used to make something, especially one of the foods used to make a particular dish

*synonym*: element, component

(1) secret **ingredients**, (2) compound the **ingredients**

Greed is the primary **ingredient** in the making of criminals.

## structure

*n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts

*synonym*: construction, architecture, establishment

(1) the **structure** of a machine, (2) **structure** and function of the brain

The organizational **structure** of start-ups is often flat and straightforward.

## artificial

*adj.* not natural and made by human beings; not real but produced to resemble something

*synonym*: synthetic, man-made, manufactured

(1) **artificial** flowers, (2) **artificial** environment

The **artificial** intelligence system has revolutionized the way we live and work.

## distinguish

*v.* to notice or understand the difference between two people or things

*synonym*: determine, differentiate, characterize

(1) **distinguish** these two things, (2) **distinguish** man from the other animals

This study **distinguished** four different ways to run a business.

## environment

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

*synonym*: atmosphere, surroundings, climate

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

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

## metabolism

*n.* the set of chemical reactions in cells or organisms that are necessary for life-sustaining

(1) **metabolism** enzyme, (2) hemoglobin **metabolism**

Better sleep leads to increased **metabolism**.

## 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.

## 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.

## maintain

*v.* to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true

*synonym*: preserve, uphold, sustain

(1) **maintain** order, (2) **maintain** good health

I need to **maintain** my car regularly to prevent any major mechanical issues.

## inherit

*v.* to receive money, property, or a title from someone after they have died

*synonym*: obtain, gain, acquire

(1) **inherit** estate, (2) **inherit** ancestral property

After his death, his sons **inherited** his business.

## humming

*adj.* producing a continuous, low, vibrating sound like that of the bee

*synonym*: buzzing, droning, vibrating

(1) **humming** sound, (2) **humming** bird

The **humming** of the bees filled the air as she walked through the garden.

## genome

*n.* the complete set or sequence of genes of a human, animal, plant, or other living things

(1) sequencing of the human **genome**, (2) **genome** analyses

The human **genome** contains approximately three billion chemical base pairs.

## offspring

*n.* descendant; any immature animal or plant

*synonym*: children, descendants, heirs

(1) female **offspring**, (2) produce **offspring**

How many **offspring** does the average lion have?

## replicate

*v.* to make an exact copy of something; to repeat a process or experiment to confirm the results

*synonym*: duplicate, imitate, reproduce

(1) **replicate** the cell, (2) **replicate** data

The experiment was **replicated** several times to ensure accuracy.

## lifelike

*adj.* resembling or appearing similar to something alive or real, often realistically or vividly; convincing or authentic in appearance or behavior

*synonym*: realistic, naturalistic, vivid

(1) **lifelike** painting, (2) **lifelike** animation

The artist created a **lifelike** sculpture of a famous politician for the town square.

## lab

*n.* a workplace for the conduct of scientific research; a laboratory

*synonym*: workshop, laboratory, research chamber

(1) **lab** instrument, (2) medical **lab**

The Prime Minister will pay a courtesy visit to the Nobel laureate's **lab**.

## prototype

*n.* a first or preliminary example of something such as a device or vehicle from which other forms are developed

*synonym*: mock-up, precursor, model

(1) complete a **prototype** product, (2) early **prototype**  
The flying car is presently in the **prototype** stage.

## primitive

*adj.* of or relating to an early stage of society with no industry or technological development; simple, naive, or old-fashioned in style

*synonym*: elementary, naive, rudimentary

(1) **primitive** society, (2) artifact of a **primitive** humankind  
The industry in this country is still **primitive**.

## molecule

*n.* a group of two or more atoms held together by attractive forces known as chemical bonds

*synonym*: particle, element, atom

(1) small **molecules**, (2) **molecule** behavior  
The shape of the DNA **molecule** is a double helix.

## drastic

*adj.* radical and extreme; likely to have a significant or far-reaching impact

*synonym*: extreme, fierce, radical

(1) **drastic** measures, (2) make **drastic** revision  
The global community is undergoing **drastic** changes at present.

## reduction

*n.* a decrease in size, amount, or degree

*synonym*: diminution, decrease, cutback

(1) **reduction** strategy, (2) a gradual **reduction**  
The **reduction** in carbon emissions has been significant since the implementation of the new policy.

## quotation

*n.* a group of words taken from a text or speech and repeated by someone other than the original author or speaker

*synonym*: excerpt, passage, quote

(1) double **quotation** marks, (2) take a **quotation**  
He included a **quotation** from the book in his essay.



## 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.

## biology

*n.* the scientific study of life and the natural processes of living things

(1) evolutionary **biology**, (2) cell and molecular **biology**

In junior high school, we had to dissect a frog in **biology** class.

## synthesis

*n.* the combination of components or elements to form a more complex whole; the creation of something new through combining parts or elements

*synonym*: combination, integration, compound

(1) **synthesis** of ammonia, (2) protein **synthesis** inhibitor

The chemical **synthesis** of the new drug was a breakthrough in medical research.

## sensational

*adj.* extremely or remarkably good; causing great public interest or excitement

*synonym*: amazing, incredible, phenomenal

(1) **sensational** crime, (2) **sensational** news

The performance was **sensational**, with standing ovations throughout.

## discovery

*n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known

*synonym*: finding, uncovering, detection

(1) a scientific **discovery**, (2) the great **discovery** of the century

Her research team made an important **discovery**.

## associate

*v.* to mentally connect someone or something with someone or something else

*synonym*: tie in, link, consociate

(1) **associate** alcohol with gambling, (2) **associate** with people widely

The majority of consumers **associate** this brand with quality.

## probable

*adj.* likely to happen or likely to be true

*synonym*: likely, possible, potential

(1) **probable** outcome, (2) **probable** cause of a fire

It seems **probable** that he has forgotten our scheduled meeting.

## evolution

*n.* a gradual process of transformation of living things

*synonym*: elaboration, expansion, transition

(1) human **evolution**, (2) **evolution** theory

They study the **evolution** of the universe.

## dawn

*n.* the time of day when the sun's light starts to show in the sky

*synonym*: daybreak, sunrise, advent

(1) the wan light of **dawn**, (2) crack of **dawn**

Missile assaults on the capital continued around **dawn**.

## consist

*v.* to be composed or made up of

*synonym*: lie in, comprise, exist

(1) **consist** mainly of cells, (2) **consist** only in knowing facts

This examination **consists** of five problems to solve.

## intermediate

*adj.* situated between two locations, things, states, etc.; around the middle of a scale of evaluation

*synonym*: middle, medium, central

(1) **intermediate** sanction, (2) **intermediate** level

Purple is **intermediate** between blue and red.

## inorganic

*adj.* being or consisting of nonliving stuff; chemical compounds that contain no or only trace amounts of carbon

(1) **inorganic** acid, (2) **inorganic** nutrition

**Inorganic** substances include rocks and minerals.

## 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.

## possess

*v.* to have or own something or to have as an attribute, knowledge, skill, etc.

*synonym* : keep, maintain, own

(1) **possess** a basic knowledge, (2) **possess** divine powers

He **possesses** a good sense of humor.

## rudimentary

*adj.* relating to basic facts or principles; fundamental

*synonym* : essential, fundamental, elementary

(1) a **rudimentary** plant, (2) **rudimentary** understanding

He has only a **rudimentary** knowledge of this topic.

## attribute

*v.* to say or regard that something is the result of a particular thing; (noun) a quality or feature that someone or something possesses;

*synonym* : ascribe, blame, (noun) feature

(1) **attribute** the change to their marriage, (2) **attribute** directly to sales

He **attributes** the disappointing results to the economic downturn.

## discuss

*v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic

*synonym* : talk about, converse, debate

(1) **discuss** options, (2) **discuss** solutions

We need to **discuss** the next steps for the project during our meeting tomorrow.

## 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.

## evolutionary

*adj.* relating to or denoting how living things develop or change from earlier forms

*synonym*: developmental, mutative, transformative

(1) ecology and **evolutionary** biology, (2) the **evolutionary** process

**Evolutionary** algorithms can find ways to optimize that humans do not anticipate.

## assembly

*n.* a group of people who have been elected, especially one that meets regularly and makes decisions or laws for a specific region or country

*synonym*: crowd, gathering, mass

(1) **assembly** line, (2) **assembly** hall

This company's **assembly** plant is an enormous facility.

## tube

*n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape

*synonym*: pipe, hose, duct

(1) a capillary **tube**, (2) a glass **tube**

The **tube** train was packed with commuters during rush hour.

## membrane

*n.* a soft, thin layer that forms animal or vegetable tissue  
*synonym* : tissue layer

(1) cell **membranes**, (2) nuclear **membrane**

Loud noises might harm the fragile ear **membrane**.

## morphology

*n.* the study of the form and structure of plants, animals, and other organisms; the study of the alteration of word forms as they change from one part of speech to another

*synonym* : structure, form, anatomy

(1) **morphology** of a language, (2) cellular **morphology**

The **morphology** of rocks can reveal clues about their geological history.

## functional

*adj.* designed for or capable of a particular activity, purpose, or task; practical or ready for use or service

*synonym* : applicable, practical, usable

(1) field of **functional** medicine, (2) **functional** deafness

The mobile phone was still **functional** even after being dropped.

## likewise

*adv.* in the same way

*synonym* : alike, correspondingly, similarly

(1) do **likewise**, (2) please revise **likewise**

He is tall and **likewise** strong.

## droplet

*n.* a small drop of liquid

*synonym* : bead, drip, dewdrop

(1) **droplet** size, (2) **droplet** formation

A single **droplet** of water can reflect the entire world upside down.

## organism

*n.* a tiny living thing

*synonym* : being, creature

(1) aerobic **organism**, (2) group of **organisms**

A diversified plant species generally enhances beneficial

**organism** populations.

## architecture

*n.* the art and science of designing and constructing buildings

*synonym*: design, structure, layout

(1) **architecture** design, (2) classic **architecture**

The city is known for its impressive **architecture** and beautiful old buildings.

## aspect

*n.* one part or feature of a situation, problem, subject, etc.

*synonym*: characteristic, element, factor

(1) nontechnical **aspects** of the job, (2) **aspects** of social, political, and economic life

His professional experience includes all **aspects** of media production.

## clay

*n.* a natural, earthy material that is made up of very small particles of minerals and can be molded when wet and then fired to produce ceramics

*synonym*: ceramics, pottery, dirt

(1) **clay** animation, (2) soft **clay** ground

The sculptor carefully molded the **clay** into the desired shape.

## montmorillonite

*n.* a soft clay mineral belonging to the group of smectite minerals, named after the town of Montmorillon in France, where it was first discovered, known for its ability to swell and retain water, as well as its use in ceramics and the oil drilling industry

*synonym*: clay, bentonite, smectite

(1) **montmorillonite** clay, (2) sodium **montmorillonite**

The **montmorillonite** content in the soil sample was analyzed to assess its suitability for agricultural use.

## relative

*adj.* considered and evaluated through comparison with something else

*synonym*: comparative, proximate, congeneric

(1) a remote **relative**, (2) **relative** factors

Most countries prohibit sexual activity between certain close **relatives**.

## organ

*n.* a part of the body of an animal or plant that has a particular purpose and performs a specific job

*synonym*: function, structure

(1) **organ** bleeding, (2) damage to internal **organs**

These infections have the potential to impact practically every **organ** system.

## formation

*n.* the way something is created naturally or the way it has been arranged

*synonym*: establishment, organization, creation

(1) a rock **formation**, (2) **formation** flight

Character **formation** is one of the goals of education.

## boundary

*n.* a real or imaginary line that marks the limit or extent of something and separates it from other things or places

*synonym*: border, frontier, limitation

(1) geographical **boundary**, (2) the **boundary** between reality and fantasy

He wandered the **boundary** between life and death by gunfire.

## liquid

*n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas

*synonym*: fluid

(1) colorless **liquid**, (2) hazardous **liquid**

The sponge takes up the **liquid** well.

## micrograph

*n.* a photograph or image that has been taken through a microscope or magnifying lens, typically used for scientific or medical purposes

*synonym*: microphotograph

(1) **micrograph** image, (2) high-resolution **micrograph**

The **micrograph** of the cell shows detailed structures that the naked eye cannot see.

## attach

*v.* to fasten, join, or connect one thing to another

*synonym* : fix, fasten, bind

(1) **attach** firmly, (2) **attach** a file to an e-mail

He does not **attach** importance to these rumors.

## confuse

*v.* to mistake one thing for another; to make somebody hard to understand

*synonym* : confound, obscure, disorient

(1) **confuse** the listener, (2) **confuse** fantasy with reality

Her remarks **confused** the debate.

## lifeless

*adj.* without life; dead

*synonym* : inanimate, inert, motionless

(1) fall **lifeless**, (2) a **lifeless** corpse

The plant had a **lifeless** appearance, indicating that it was not getting enough water.

## harvest

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

*synonym* : crop, reaping, yield

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

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

## dynamic

*adj.* having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)

*synonym* : energetic, active, vital

(1) a **dynamic** market, (2) **dynamic** person

The sprinter has a **dynamic** way of running.

## moving

*adj.* causing strong emotions or feelings, especially sadness or sympathy

*synonym* : emotional, poignant, touching



(1) **moving** experience, (2) **moving** ceremony

His **moving** speech about his struggles with addiction brought tears to the audience's eyes.

## movement

*n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively

*synonym*: motion, progression, action

(1) a circular **movement**, (2) **movement** of troops

The **movement** of the dancers on stage was graceful and elegant.

## explore

*v.* to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it

*synonym*: analyze, delve into, examine

(1) **explore** the world, (2) **explore** our options

The management must **explore** strategies to increase office security.

## remodel

*v.* to change the structure or form of something

*synonym*: refurbish, remake, revamp

(1) **remodel** the car, (2) **remodel** portfolio

We are **remodeling** these rooms now.

## preserve

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

*synonym*: conserve, care for, maintain

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

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

## encounter

*v.* to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly

*synonym* : meet, run into, come across

(1) **encounter** a crisis, (2) **encounter** a storm

I'm prepared to **encounter** challenges throughout this adventure.

## reconfigure

*v.* to change the configuration or arrangement of something, often to improve its performance or functionality

*synonym* : reshape, restructure, realign

(1) **reconfigure** the network, (2) **reconfigure** the operating system

We need to **reconfigure** the office layout to use the space better.

## 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.

## sustain

*v.* to supply enough of what somebody or something needs to survive or exist; to accept as valid

*synonym* : maintain, nurture, support

(1) **sustain** a good relationship with him, (2) **sustain** a wellness lifestyle

She struggled to **sustain** the children's reading habits.

## brain

*n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling

*synonym* : intellect, mind, encephalon

(1) basic **brain** function, (2) permanent **brain** damage  
X-rays revealed a small tumor in his **brain**.

## neural

*adj.* of or relating to a nerve or the nervous system that includes the brain

*synonym* : sensory, neuronic, nervous

(1) **neural** stem cells, (2) **neural** networks in AI  
There was a disturbance of **neural** function.

## sack

v. to remove or dismiss someone from a position or place;  
(noun) a large bag made of strong, rough material, such as burlap, that is used for storing or carrying things

*synonym*: discharge, remove, (noun) bag

(1) **sack** an employee, (2) a sleep **sack**

He was **sacked** from his job for stealing company property.

## 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.

## interpret

v. to explain or assign the meaning of information, actions, etc.

*synonym*: decode, decipher, analyze

(1) **interpret** a graph, (2) **interpret** the question

Different people might **interpret** this news differently.

## population

n. the total number of people in a country, region, or location

*synonym*: people, inhabitants, folk

(1) **population** change, (2) labor **population**

In just four years, the **population** has doubled.

## chemistry

n. the branch of the natural sciences dealing with the composition of substances and their properties and reactions

(1) professor of **chemistry**, (2) the **chemistry** of soil

He is familiar with **chemistry** and biology.

## activate

v. make something start working, more active or dynamic

*synonym*: mobilize, stimulate, initiate

(1) **activate** a receptor, (2) **activate** a motor

You must **activate** the software with a 16-digit key before you can use it.

## vibrate

*v.* to move or cause anything to move fast and in small increments from side to side

*synonym*: oscillate, convulse, jerk

(1) **vibrate** at a regular frequency, (2) **vibrate** with anger

During the flight, the wings of the plane **vibrate**.

## fuse

*n.* a small part in an electrical device or machinery that can interrupt the flow of electrical current when it is overloaded; (verb) to become plastic or fluid or liquefied from heat

*synonym*: (verb) melt, (verb) blend

(1) **fuse** blows, (2) **fuse** with one another

He has a short **fuse**.

## blob

*n.* a small amount or drop of a thick liquid or sticky substance

*synonym*: chunk, lump, hunk

(1) a big **blob** of yellow, (2) a **blob** of jelly

A **blob** of ink fell on the floor.

## bunch

*n.* a grouping of several similar things which are growing or fastened together

*synonym*: group, assemblage, bundle

(1) a **bunch** of trees, (2) a **bunch** of schoolgirls

One bad apple spoils the whole **bunch**.

## fused

*adj.* joined together or combined into one; blended or integrated in a way that creates a new entity

*synonym*: merged, blended, united

(1) **fused** glass, (2) **fused** bones

The **fused** wires in the electrical circuit caused a power outage.

## hybrid

*adj.* composed of different elements or mixed characters

*synonym* : blended, mixed, combined

(1) new **hybrid** system, (2) an interspecific **hybrid**

The mule is a **hybrid** between a male donkey and a female horse.

## emergence

*n.* the process or fact of coming into existence or becoming apparent

*synonym* : appearance, outgrowth, rise

(1) **emergence** as a national leader, (2) re- **emergence** of rampant inflation

The **emergence** of a new virus can cause concern for public health.

## origin

*n.* the first existence or beginning of something

*synonym* : root, source, ancestor

(1) **origin** of information, (2) racial **origin**

There are various hypotheses concerning the **origin** of life.

## 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.

## accessible

*adj.* capable of being reached, easily got, or seen

*synonym* : affordable, available, unrestricted

(1) a town **accessible** by rail, (2) **accessible** to pity

He is an **accessible** and genial man.

## purity

*n.* the state of being undiluted or unmixed with anything else; the state of being free from immorality, especially of a sexual nature

*synonym* : sinlessness, innocence, cleanliness

(1) the degree of **purity**, (2) high **purity**

Higher **purity** requires additional equipment and energy.

## compound

*n.* an item composed of two or more distinct elements combined; a chemical formed by the combination of two or more elements

*synonym*: combination, mixture, blend

(1) aquatic **compound**, (2) harmful **compound**

Common salt is a sodium and chlorine **compound**.

## mixture

*n.* a combination of different elements, substances, or entities, usually in non-uniform proportions, resulting in a homogeneous or heterogeneous blend of physical or chemical properties

*synonym*: blend, amalgam, concoction

(1) **mixture** of emotions, (2) perfect **mixture**

The paint was a **mixture** of different pigments to achieve the desired color.

## controllable

*adj.* able to be controlled or directed

*synonym*: manageable, governable, submissive

(1) computer- **controllable**, (2) **controllable** aircraft

The new software is much more **controllable** and user-friendly.

## reaction

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

*synonym*: response, reply, answer

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

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

## diverse

*adj.* including numerous categories of individuals or entities; various

*synonym*: manifold, various, myriad

(1) **diverse** backgrounds, (2) a person of **diverse** talents

New York is a city with a **diverse** ethnic population.

## primordial

*adj.* existing from the beginning of time or the start of a particular process; relating to the earliest stage of the universe

*synonym* : ancient, original, primary

(1) **primordial** forms of life, (2) **primordial** gas

The discovery of the **primordial** soup was a crucial step in understanding the origins of life on Earth.

## ooze

*v.* to flow or seep out slowly, often in a thick, viscous manner; to exude or emit slowly and steadily

*synonym* : flow, seep, drip

(1) **ooze** from the speakers, (2) **ooze** with confidence

The wound on his leg continued to **ooze** blood even after he applied pressure.

## characterize

*v.* to describe the distinctive nature or features of someone or something; to be a distinguishing feature of

*synonym* : describe, depict, portray

(1) **characterize** the relationship, (2) **characterize** his work

Their love of discovery and exploration often **characterizes** the adventurous spirit of the explorer.

## 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.

## tar

*n.* a thick, sticky substance that is dark in color and is commonly used for road surfacing or as a material for roofing; a common byproduct of burning coal or wood

*synonym* : asphalt, pitch, bitumen

(1) **tar** residue, (2) **tar** component

The road workers spread **tar** over the cracks in the pavement to prevent water and ice from causing further damage.

## contrast

*v.* to put in opposition to show or emphasize differences  
*synonym*: differ, vary, counterpoint

(1) **contrast** with a decade ago, (2) **contrast** two things  
It's intriguing to compare and **contrast** the two authors.

## bond

*n.* a close emotional connection between two or more people; a certificate of debt that a government or corporation issues to raise money

*synonym*: bind, adhesion, attachment

(1) **bond** as a family, (2) global **bond** market  
They had formed a friendship **bond**.

## caramel

*n.* a sweet, dark brown, sticky substance made by heating sugar or syrup until it melts and then cooling it quickly

*synonym*: toffee, dulce de leche, butterscotch

(1) **caramel** candy, (2) **caramel** topping

The **caramel** sauce on the ice cream was the perfect finishing touch.

## unregulated

*adj.* not subject to official rules, procedures, or oversight; not controlled or supervised by a governing authority or system

*synonym*: uncontrolled, unmonitored, unbridled

(1) **unregulated** market, (2) **unregulated** off-shore fishing  
Without regulations, the industry is **unregulated** and potentially dangerous.

## tarry

*v.* to delay or linger in a place; to stay or remain longer than necessary; to procrastinate or be slow in leaving; to wait or wait for something; (adjective) referring to something that is like tar in consistency or color, or is smeared or covered with tar

*synonym*: delay, linger, loiter

(1) **tarry** road surface, (2) **tarry** over a decision

I decided to **tarry** a little longer at the beach and enjoy the sunset before heading home.



## junk

*n.* discarded or unused material or objects, often considered worthless or of little value; also used to describe cheap or poorly made items or food that is high in calories but lacking in nutrition

*synonym* : trash, debris, waste

(1) **junk** mail, (2) hunk of **junk**

I need to clear out some of the **junk** in my garage.

## spot

*n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it

*synonym* : dot, mark, place

(1) beauty **spot**, (2) a **spot** on his honor

This remote **spot** is rarely visited.

## lively

*adj.* full of energy and activity; animated

*synonym* : animated, energetic, vivacious

(1) **lively** conversation, (2) a **lively** song

The party was **lively**, filled with laughter and music.

## locate

*v.* to specify or determine the exact position of someone or something

*synonym* : discover, find, place

(1) **locate** a missing pet, (2) **locate** a tumor

The robot can accurately **locate** construction material.

## defuse

*v.* to reduce or eliminate the tension, anger, or hostility in a situation, especially a potentially explosive one, by calming, soothing, or pacifying those involved

*synonym* : calm, reduce, deactivate

(1) **defuse** a crisis, (2) **defuse** a bomb

The negotiator skillfully **defused** the tense situation with calm words and gestures.

## energetic

*adj.* possessing or exerting or displaying energy

*synonym* : active, animated, lively

(1) **energetic** density, (2) **energetic** dog

This process caused an **energetic** chemical reaction.

## messy

*adj.* disorganized and untidy

*synonym* : cluttered, disorganized, untidy

(1) **messy** data, (2) **messy** handling

His **messy** bedroom is always a source of frustration for his mother.

## sterile

*adj.* free from living microorganisms, especially bacteria, fungi, and viruses; incapable of reproducing

*synonym* : clean, germ-free, hygienic

(1) **sterile** environment, (2) a **sterile** man

Surgeons must use **sterile** instruments to prevent infection during an operation.

## define

*v.* to state or explain precisely the nature, scope, or meaning of something

*synonym* : characterize, depict, express

(1) **define** a word, (2) **define** my position

To advance this discussion, we must **define** "success" rigorously.

## broaden

*v.* to make or become wider or more extensive; to make or become more tolerant or liberal.

*synonym* : expand, widen, enlarge

(1) **broaden** students' knowledge, (2) **broaden** their horizon

The company **broadened** its product line to include more customer options.

## weird

*adj.* extraordinary, unexpected, or difficult to explain

*synonym* : bizarre, creepy, peculiar

(1) a **weird** dress, (2) the state of being **weird**

My computer has been acting **weird** recently.

## refer

*v.* to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support

*synonym* : cite, allude, mention

(1) **refer** to a book, (2) **refer** to a map

Please **refer** to the instruction manual for further assistance.

## nation

*n.* a large organized community of people living in a particular country or region and having a particular culture

*synonym*: country, state, sovereign entity

(1) **nation-state**, (2) a seafaring **nation**

The **nation** of Japan is known for its unique culture and advanced technology.

## council

*n.* a group of people who have been elected or appointed to make decisions or give advice on a particular subject or in a particular place

*synonym*: board, committee, assembly

(1) other **council** members, (2) city **council** election

The city **council** voted to approve the new development project.

## 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.

## wherein

*adv.* in or during which; in the place, time, or situation that

(1) progress to a level **wherein**, (2) **wherein** he is mistaken

The court ruled in favor of the plaintiff, **wherein** they were awarded damages for the defendant's negligence.

## universe

*n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy

*synonym*: cosmos, macrocosm

(1) theory of the **universe**, (2) expansion of the **universe**

The **universe** is about 13.8 billion years old.

## 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.

## recognize

*v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered

*synonym*: acknowledge, identify, admit

(1) **recognize** talent, (2) **recognize** achievement

It's important to **recognize** your strengths and weaknesses.

## criteria

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

*synonym*: bars, benchmarks, standards

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

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

## equilibrium

*n.* a state in which opposing forces or influences are balanced

*synonym*: balance, stability, harmony

(1) **equilibrium** point, (2) political **equilibrium**

The company struggled to maintain an **equilibrium** between its profits and social responsibilities.

## 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.

## shining

*adj.* giving off or reflecting light; bright, glistening, or gleaming; characterized by impressive accomplishments

or excellence

*synonym* : sparkling, gleaming, radiant

(1) **shining** star, (2) **shining** example

The **shining** sun reflected off the calm ocean water.

## 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.

## 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**.

## secondly

*adv.* used to introduce the second point or item in a list or series of statements, considerations, etc.

*synonym* : in the second place, next, subsequently

(1) **secondly** connected, (2) **secondly**, it is important

Firstly, we will discuss the budget; **secondly**, we will go over the schedule.

## solid

*adj.* hard or firm; characterized by good substantial quality

*synonym* : stable, reliable, hard

(1) **solid** ally, (2) **solid** employment measures

The **solid-state** of water is called ice.

## transform

*v.* to change in outward structure or looks;

*synonym* : alter, convert, change

(1) **transform** an education system, (2) **transform** heat into power

My father's death **transformed** my life completely.

## 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.

## existence

*n.* the state or fact of someone or something existing

*synonym*: fact, being, reality

(1) the biggest tree in **existence**, (2) the struggle for **existence**

He was an atheist and therefore did not believe in the **existence** of heaven or hell.

## Session 2: Spelling

1. ne\_\_\_l stem cells *adj.* of or relating to a nerve or the nervous system that includes the brain
2. theory of the un\_\_\_\_\_se *n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
3. b\_\_r image *n.* a faint or indistinct image or sound; something that is not clear or distinct; (verb) to become unclear; to lose clear vision
4. other co\_\_\_\_\_l members *n.* a group of people who have been elected or appointed to make decisions or give advice on a particular subject or in a particular place
5. a ch\_\_\_\_\_al compound *adj.* relating to or connected with chemistry;
6. aquatic co\_\_\_\_\_nd *n.* an item composed of two or more distinct elements combined; a chemical formed by the combination of two or more elements
7. 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
8. chaotic env\_\_\_\_\_nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live

ANSWERS: 1. neural, 2. universe, 3. blur, 4. council, 5. chemical, 6. compound, 7. organic, 8. environment

9. en\_\_\_\_\_ic dog *adj.* possessing or exerting or displaying energy
10. a scientific di\_\_\_\_\_ry *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
11. me\_\_y handling *adj.* disorganized and untidy
12. ac\_\_\_\_\_te a motor *v.* make something start working, more active or dynamic
13. a strain of vi\_\_s *n.* a tiny infectious organic material that causes disease in people, animals, and plants
14. ma\_\_\_\_\_in order *v.* to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true
15. soft c\_\_y ground *n.* a natural, earthy material that is made up of very small particles of minerals and can be molded when wet and then fired to produce ceramics
16. ex\_\_\_\_\_t a valuable opportunity *v.* to make full use of and gain an advantage from resources, opportunities, etc.
17. em\_\_\_\_\_ce as a national leader *n.* the process or fact of coming into existence or becoming apparent
18. motion b\_\_r *n.* a faint or indistinct image or sound; something that is not clear or distinct; (verb) to become unclear; to lose clear vision
19. int\_\_\_\_\_ate sanction *adj.* situated between two locations, things, states, etc.; around the middle of a scale of evaluation

ANSWERS: 9. energetic, 10. discovery, 11. messy, 12. activate, 13. virus, 14. maintain, 15. clay, 16. exploit, 17. emergence, 18. blur, 19. intermediate



20. the wan light of d\_\_n *n.* the time of day when the sun's light starts to show in the sky
21. achieve the hi\_\_\_\_ic feat *adj.* famous or significant in history, or potentially so
22. di\_\_\_\_s options *v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
23. rec\_\_\_\_re the network *v.* to change the configuration or arrangement of something, often to improve its performance or functionality
24. sy\_\_\_\_ic fiber *adj.* made by combining chemical substances as opposed to being naturally occurring
25. in\_\_\_\_ic acid *adj.* being or consisting of nonliving stuff; chemical compounds that contain no or only trace amounts of carbon
26. sequencing of the human ge\_\_\_e *n.* the complete set or sequence of genes of a human, animal, plant, or other living things
27. o\_\_e with confidence *v.* to flow or seep out slowly, often in a thick, viscous manner; to exude or emit slowly and steadily
28. sen\_\_\_\_al crime *adj.* extremely or remarkably good; causing great public interest or excitement
29. fu\_\_d glass *adj.* joined together or combined into one; blended or integrated in a way that creates a new entity
30. fun\_\_\_\_al rights *adj.* forming an essential base or core from which everything else develops or is affected

ANSWERS: 20. dawn, 21. historic, 22. discuss, 23. reconfigure, 24. synthetic, 25. inorganic, 26. genome, 27. ooze, 28. sensational, 29. fused, 30. fundamental

31. in\_\_\_\_\_ic nutrition *adj.* being or consisting of nonliving stuff; chemical compounds that contain no or only trace amounts of carbon
32. tr\_\_\_\_\_rm heat into power *v.* to change in outward structure or looks;
33. hu\_\_\_\_\_g bird *adj.* producing a continuous, low, vibrating sound like that of the bee
34. or\_\_\_\_n of information *n.* the first existence or beginning of something
35. de\_\_\_\_e a word *v.* to state or explain precisely the nature, scope, or meaning of something
36. pr\_\_\_\_\_le outcome *adj.* likely to happen or likely to be true
37. tr\_\_\_\_\_rm an education system *v.* to change in outward structure or looks;
38. a bu\_\_h of trees *n.* a grouping of several similar things which are growing or fastened together
39. the characters that re\_\_\_\_\_nt numbers *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
40. in\_\_\_\_\_et a graph *v.* to explain or assign the meaning of information, actions, etc.
41. classic arc\_\_\_\_\_ure *n.* the art and science of designing and constructing buildings
42. female of\_\_\_\_\_ng *n.* descendant; any immature animal or plant
43. a dy\_\_\_\_\_c market *adj.* having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)

ANSWERS: 31. inorganic, 32. transform, 33. humming, 34. origin, 35. define, 36. probable, 37. transform, 38. bunch, 39. represent, 40. interpret, 41. architecture, 42. offspring, 43. dynamic

44. ecology and evo\_\_\_\_\_ary biology     *adj.* relating to or denoting how living things develop or change from earlier forms
45. su\_\_\_\_\_n a wellness lifestyle     *v.* to supply enough of what somebody or something needs to survive or exist; to accept as valid
46. official sta\_\_\_\_\_cs     *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
47. liquid cr\_\_\_\_\_l     *n.* a solid material with many even sides that is formed naturally when the substance becomes solid and has a highly regular atomic structure; clear and colorless glass made of almost pure silica
48. di\_\_\_\_\_e the cake into two pieces     *v.* to separate or cause to separate into parts or groups
49. vi\_\_\_\_\_e with anger     *v.* to move or cause anything to move fast and in small increments from side to side
50. dr\_\_\_\_\_t formation     *n.* a small drop of liquid
51. mon\_\_\_\_\_ite clay     *n.* a soft clay mineral belonging to the group of smectite minerals, named after the town of Montmorillon in France, where it was first discovered, known for its ability to swell and retain water, as well as its use in ceramics and the oil drilling industry
52. l\_b instrument     *n.* a workplace for the conduct of scientific research; a laboratory

ANSWERS: 44. evolutionary, 45. sustain, 46. statistics, 47. crystal, 48. divide, 49. vibrate, 50. droplet, 51. montmorillonite, 52. lab

53. cha\_\_\_\_\_ize his work      *v.* to describe the distinctive nature or features of someone or something; to be a distinguishing feature of
54. a we\_\_d dress      *adj.* extraordinary, unexpected, or difficult to explain
55. in\_\_\_\_\_t ancestral property      *v.* to receive money, property, or a title from someone after they have died
56. se\_\_\_\_\_ly connected      *adv.* used to introduce the second point or item in a list or series of statements, considerations, etc.
57. pr\_\_\_\_\_ve society      *adj.* of or relating to an early stage of society with no industry or technological development; simple, naive, or old-fashioned in style
58. 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
59. the bo\_\_\_\_\_ry between reality and fantasy      *n.* a real or imaginary line that marks the limit or extent of something and separates it from other things or places
60. mi\_\_\_\_\_e of emotions      *n.* a combination of different elements, substances, or entities, usually in non-uniform proportions, resulting in a homogeneous or heterogeneous blend of physical or chemical properties
61. ev\_\_\_\_\_on theory      *n.* a gradual process of transformation of living things
62. fu\_\_d bones      *adj.* joined together or combined into one; blended or integrated in a way that creates a new entity

ANSWERS: 53. characterize, 54. weird, 55. inherit, 56. secondly, 57. primitive, 58. planet, 59. boundary, 60. mixture, 61. evolution, 62. fused

63. draw a dis\_\_\_\_\_on *n.* a difference or contrast between similar things or people
64. hi\_\_\_\_\_ic accomplishment *adj.* famous or significant in history, or potentially so
65. cha\_\_\_\_\_ize the relationship *v.* to describe the distinctive nature or features of someone or something; to be a distinguishing feature of
66. a glass t\_\_\_e *n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape
67. as\_\_\_\_\_te alcohol with gambling *v.* to mentally connect someone or something with someone or something else
68. se\_\_\_\_\_ly, it is important *adv.* used to introduce the second point or item in a list or series of statements, considerations, etc.
69. racial or\_\_\_\_n *n.* the first existence or beginning of something
70. a remote re\_\_\_\_\_ve *adj.* considered and evaluated through comparison with something else
71. a seafaring na\_\_\_\_n *n.* a large organized community of people living in a particular country or region and having a particular culture
72. consistency cr\_\_\_\_\_ia *n.* (plural of criterion) standards or conditions by which something may be judged or decided
73. the great di\_\_\_\_\_ry of the century *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known

ANSWERS: 63. distinction, 64. historic, 65. characterize, 66. tube, 67. associate, 68. secondly, 69. origin, 70. relative, 71. nation, 72. criteria, 73. discovery

74. a li\_\_\_y song *adj.* full of energy and activity; animated
75. secret ing\_\_\_\_\_nts *n.* one of the things used to make something, especially one of the foods used to make a particular dish
76. take a qu\_\_\_\_\_on *n.* a group of words taken from a text or speech and repeated by someone other than the original author or speaker
77. sh\_\_\_\_\_g star *adj.* giving off or reflecting light; bright, glistening, or gleaming; characterized by impressive accomplishments or excellence
78. art\_\_\_\_\_al flowers *adj.* not natural and made by human beings; not real but produced to resemble something
79. the evo\_\_\_\_\_ary process *adj.* relating to or denoting how living things develop or change from earlier forms
80. en\_\_\_\_\_er a crisis *v.* to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly
81. cell and molecular bi\_\_\_\_\_y *n.* the scientific study of life and the natural processes of living things
82. t\_r component *n.* a thick, sticky substance that is dark in color and is commonly used for road surfacing or as a material for roofing; a common byproduct of burning coal or wood
83. evolutionary bi\_\_\_\_\_y *n.* the scientific study of life and the natural processes of living things

ANSWERS: 74. lively, 75. ingredient, 76. quotation, 77. shining, 78. artificial, 79. evolutionary, 80. encounter, 81. biology, 82. tar, 83. biology

84. or\_\_n bleeding *n.* a part of the body of an animal or plant that has a particular purpose and performs a specific job
85. a town acc\_\_\_\_\_le by rail *adj.* capable of being reached, easily got, or seen
86. his research area of con\_\_\_\_\_ion *n.* the ability to focus all your time and energy on one thing without thinking about anything else.
87. toxic ch\_\_\_\_\_als *adj.* relating to or connected with chemistry;
88. a gradual re\_\_\_\_\_on *n.* a decrease in size, amount, or degree
89. please revise li\_\_\_\_\_se *adv.* in the same way
90. colorless li\_\_\_\_d *n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas
91. political equ\_\_\_\_\_um *n.* a state in which opposing forces or influences are balanced
92. the degree of pu\_\_\_\_y *n.* the state of being undiluted or unmixed with anything else; the state of being free from immorality, especially of a sexual nature
93. a b\_\_b of jelly *n.* a small amount or drop of a thick liquid or sticky substance
94. wh\_\_\_\_\_n he is mistaken *adv.* in or during which; in the place, time, or situation that
95. hemoglobin met\_\_\_\_\_sm *n.* the set of chemical reactions in cells or organisms that are necessary for life-sustaining

ANSWERS: 84. organ, 85. accessible, 86. concentration, 87. chemical, 88. reduction, 89. likewise, 90. liquid, 91. equilibrium, 92. purity, 93. blob, 94. wherein, 95. metabolism

96. de\_\_\_e a crisis *v.* to reduce or eliminate the tension, anger, or hostility in a situation, especially a potentially explosive one, by calming, soothing, or pacifying those involved
97. field of fun\_\_\_\_\_al medicine *adj.* designed for or capable of a particular activity, purpose, or task; practical or ready for use or service
98. me\_\_y data *adj.* disorganized and untidy
99. sa\_\_\_\_\_y a desire *v.* to make somebody pleased by giving them what they want or need
100. perfect mi\_\_\_\_\_e *n.* a combination of different elements, substances, or entities, usually in non-uniform proportions, resulting in a homogeneous or heterogeneous blend of physical or chemical properties
101. ca\_\_\_\_\_l topping *n.* a sweet, dark brown, sticky substance made by heating sugar or syrup until it melts and then cooling it quickly
102. aerobic or\_\_\_\_\_sm *n.* a tiny living thing
103. co\_\_\_\_\_st with a decade ago *v.* to put in opposition to show or emphasize differences
104. 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: 96. defuse, 97. functional, 98. messy, 99. satisfy, 100. mixture, 101. caramel, 102. organism, 103. contrast, 104. process



105. cr\_\_\_\_\_ia for action *n.* (plural of criterion) standards or conditions by which something may be judged or decided
106. unr\_\_\_\_\_ed market *adj.* not subject to official rules, procedures, or oversight; not controlled or supervised by a governing authority or system
107. a rock fo\_\_\_\_\_on *n.* the way something is created naturally or the way it has been arranged
108. my friend's cha\_\_\_\_\_tic laugh *n.* a typical feature or quality that can identify, tell apart, or describe something or somebody
109. a bu\_\_h of schoolgirls *n.* a grouping of several similar things which are growing or fastened together
110. mo\_\_\_g experience *adj.* causing strong emotions or feelings, especially sadness or sympathy
111. di\_\_\_\_\_s solutions *v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
112. in\_\_\_\_\_t estate *v.* to receive money, property, or a title from someone after they have died
113. harmful co\_\_\_\_\_nd *n.* an item composed of two or more distinct elements combined; a chemical formed by the combination of two or more elements
114. ac\_\_\_\_\_te a receptor *v.* make something start working, more active or dynamic
115. sen\_\_\_\_\_al news *adj.* extremely or remarkably good; causing great public interest or excitement

ANSWERS: 105. criteria, 106. unregulated, 107. formation, 108. characteristic, 109. bunch, 110. moving, 111. discuss, 112. inherit, 113. compound, 114. activate, 115. sensational

116. pr\_\_\_\_le cause of a fire *adj.* likely to happen or likely to be true
117. env\_\_\_\_\_nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
118. ta\_\_y road surface *v.* to delay or linger in a place; to stay or remain longer than necessary; to procrastinate or be slow in leaving; to wait or wait for something; (adjective) referring to something that is like tar in consistency or color, or is smeared or covered with tar
119. hu\_\_\_\_\_g sound *adj.* producing a continuous, low, vibrating sound like that of the bee
120. early pr\_\_\_\_\_pe *n.* a first or preliminary example of something such as a device or vehicle from which other forms are developed
121. ex\_\_\_\_\_e the world *v.* to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it
122. po\_\_\_\_\_s divine powers *v.* to have or own something or to have as an attribute, knowledge, skill, etc.
123. high-resolution mic\_\_\_\_\_ph *n.* a photograph or image that has been taken through a microscope or magnifying lens, typically used for scientific or medical purposes
124. en\_\_\_\_\_ic density *adj.* possessing or exerting or displaying energy
125. mo\_\_\_\_\_le behavior *n.* a group of two or more atoms held together by attractive forces known as chemical bonds

ANSWERS: 116. probable, 117. environment, 118. tarry, 119. humming, 120. prototype, 121. explore, 122. possess, 123. micrograph, 124. energetic, 125. molecule

126. so\_\_d ally *adj.* hard or firm; characterized by good substantial quality
127. mic\_\_\_\_\_ph image *n.* a photograph or image that has been taken through a microscope or magnifying lens, typically used for scientific or medical purposes
128. pri\_\_\_\_\_al forms of life *adj.* existing from the beginning of time or the start of a particular process; relating to the earliest stage of the universe
129. as\_\_\_\_\_ly line *n.* a group of people who have been elected, especially one that meets regularly and makes decisions or laws for a specific region or country
130. so\_\_d employment measures *adj.* hard or firm; characterized by good substantial quality
131. infrared sp\_\_\_\_\_um *n.* an ordered array of colors into which a light beam can be split
132. s\_\_k an employee *v.* to remove or dismiss someone from a position or place; (noun) a large bag made of strong, rough material, such as burlap, that is used for storing or carrying things
133. pri\_\_\_\_\_al gas *adj.* existing from the beginning of time or the start of a particular process; relating to the earliest stage of the universe
134. ca\_\_\_\_\_l candy *n.* a sweet, dark brown, sticky substance made by heating sugar or syrup until it melts and then cooling it quickly
135. cell me\_\_\_\_\_nes *n.* a soft, thin layer that forms animal or vegetable tissue

ANSWERS: 126. solid, 127. micrograph, 128. primordial, 129. assembly, 130. solid, 131. spectrum, 132. sack, 133. primordial, 134. caramel, 135. membrane

136. a person of di\_\_\_\_\_e talents *adj.* including numerous categories of individuals or entities; various
137. art\_\_\_\_\_al environment *adj.* not natural and made by human beings; not real but produced to resemble something
138. a sleep s\_\_k *v.* to remove or dismiss someone from a position or place; (noun) a large bag made of strong, rough material, such as burlap, that is used for storing or carrying things
139. li\_\_\_\_\_ke painting *adj.* resembling or appearing similar to something alive or real, often realistically or vividly; convincing or authentic in appearance or behavior
140. sodium mon\_\_\_\_\_ite *n.* a soft clay mineral belonging to the group of smectite minerals, named after the town of Montmorillon in France, where it was first discovered, known for its ability to swell and retain water, as well as its use in ceramics and the oil drilling industry
141. lo\_\_\_e a tumor *v.* to specify or determine the exact position of someone or something
142. hazardous li\_\_\_d *n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas
143. at\_\_\_h a file to an e-mail *v.* to fasten, join, or connect one thing to another
144. a st\_\_\_\_\_e man *adj.* free from living microorganisms, especially bacteria, fungi, and viruses; incapable of reproducing

ANSWERS: 136. diverse, 137. artificial, 138. sack, 139. lifelike, 140. montmorillonite, 141. locate, 142. liquid, 143. attach, 144. sterile

145. make dr\_\_\_\_c revision *adj.* radical and extreme; likely to have a significant or far-reaching impact
146. re\_\_\_\_\_ce the painting *v.* to make a copy of something such as a picture, piece of text, music, etc.; to produce offspring through a sexual or asexual process
147. as\_\_\_ts of social, political, and economic life *n.* one part or feature of a situation, problem, subject, etc.
148. dr\_\_\_\_c measures *adj.* radical and extreme; likely to have a significant or far-reaching impact
149. small mo\_\_\_\_\_les *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
150. basic br\_\_n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
151. series of exp\_\_\_\_\_nts *n.* the scientific test conducted to observe what happens and gain new knowledge
152. equ\_\_\_\_\_um point *n.* a state in which opposing forces or influences are balanced
153. anthropology lab\_\_\_\_\_ry *n.* a workplace for doing scientific research or teaching science; a lab
154. re\_\_\_\_\_te data *v.* to make an exact copy of something; to repeat a process or experiment to confirm the results
155. compound the ing\_\_\_\_\_nts *n.* one of the things used to make something, especially one of the foods used to make a particular dish

ANSWERS: 145. drastic, 146. reproduce, 147. aspect, 148. drastic, 149. molecule, 150. brain, 151. experiment, 152. equilibrium, 153. laboratory, 154. replicate, 155. ingredient

156. re\_\_\_\_ve factors *adj.* considered and evaluated through comparison with something else
157. ma\_\_\_\_in good health *v.* to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true
158. re\_\_\_\_l the car *v.* to change the structure or form of something
159. 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
160. co\_\_\_\_e the listener *v.* to mistake one thing for another; to make somebody hard to understand
161. pr\_\_\_\_ve a country's heritage *v.* to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed
162. ge\_\_\_\_e analyses *n.* the complete set or sequence of genes of a human, animal, plant, or other living things
163. expansion of the un\_\_\_\_se *n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
164. cognitive com\_\_\_\_ty *n.* the state or quality of being complicated or intricate and difficult to understand
165. reap a ha\_\_\_\_t *n.* yields of plants in a single growing season; the period of the year when gathering occurs on a farm

ANSWERS: 156. relative, 157. maintain, 158. remodel, 159. develop, 160. confuse, 161. preserve, 162. genome, 163. universe, 164. complexity, 165. harvest

166. dis\_\_\_\_\_sh man from the other animals *v.* to notice or understand the difference between two people or things
167. nontechnical as\_\_\_\_ts of the job *n.* one part or feature of a situation, problem, subject, etc.
168. artifact of a pr\_\_\_\_\_ve humankind *adj.* of or relating to an early stage of society with no industry or technological development; simple, naive, or old-fashioned in style
169. geographical bo\_\_\_\_\_ry *n.* a real or imaginary line that marks the limit or extent of something and separates it from other things or places
170. permanent br\_\_n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
171. sim\_\_\_\_\_ic design *adj.* oversimplified or lacking in complexity or depth; characterized by an attempt to explain something complex or multifaceted with overly vague or simple terms
172. 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
173. ev\_\_\_e *v.* to develop gradually, or to cause the development of something or someone gradually

ANSWERS: 166. distinguish, 167. aspect, 168. primitive, 169. boundary, 170. brain, 171. simplistic, 172. process, 173. evolve

174. rud\_\_\_\_\_ry understanding *adj.* relating to basic facts or principles; fundamental
175. a broad sp\_\_\_\_\_um of opinion *n.* an ordered array of colors into which a light beam can be split
176. pre-mo\_\_\_\_n agricultural society *adj.* of or belonging to the present time or recent times
177. a space-time co\_\_\_\_\_um *n.* a series of similar items in which no part or portion is distinct or distinguishable from adjacent parts
178. fo\_\_\_\_\_on flight *n.* the way something is created naturally or the way it has been arranged
179. protein sy\_\_\_\_\_is inhibitor *n.* the combination of components or elements to form a more complex whole; the creation of something new through combining parts or elements
180. en\_\_\_\_\_er a storm *v.* to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly
181. t\_r residue *n.* a thick, sticky substance that is dark in color and is commonly used for road surfacing or as a material for roofing; a common byproduct of burning coal or wood
182. fun\_\_\_\_\_al education *adj.* forming an essential base or core from which everything else develops or is affected
183. 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

ANSWERS: 174. rudimentary, 175. spectrum, 176. modern, 177. continuum, 178. formation, 179. synthesis, 180. encounter, 181. tar, 182. fundamental, 183. planet



184. produce of \_\_\_\_\_ng *n.* descendant; any immature animal or plant
185. f\_\_e with one another *n.* a small part in an electrical device or machinery that can interrupt the flow of electrical current when it is overloaded; (verb) to become plastic or fluid or liquefied from heat
186. group of or \_\_\_\_\_sms *n.* a tiny living thing
187. new hy\_\_\_d system *adj.* composed of different elements or mixed characters
188. double qu\_\_\_\_\_on marks *n.* a group of words taken from a text or speech and repeated by someone other than the original author or speaker
189. computer-con\_\_\_\_\_ble *adj.* able to be controlled or directed
190. the struggle for ex\_\_\_\_\_ce *n.* the state or fact of someone or something existing
191. sy\_\_\_\_\_ic fertilizer *adj.* made by combining chemical substances as opposed to being naturally occurring
192. crack of d\_\_n *n.* the time of day when the sun's light starts to show in the sky
193. pa\_\_\_\_\_te disease *n.* an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense
194. li\_\_\_y conversation *adj.* full of energy and activity; animated
195. at\_\_\_\_\_te the change to their marriage *v.* to say or regard that something is the result of a particular thing; (noun) a quality or feature that someone or something possesses;

ANSWERS: 184. offspring, 185. fuse, 186. organism, 187. hybrid, 188. quotation, 189. controllable, 190. existence, 191. synthetic, 192. dawn, 193. parasite, 194. lively, 195. attribute

196. blood-sucking pa\_\_\_\_te      *n.* an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense
197. o\_\_e from the speakers      *v.* to flow or seep out slowly, often in a thick, viscous manner; to exude or emit slowly and steadily
198. hunk of j\_\_k      *n.* discarded or unused material or objects, often considered worthless or of little value; also used to describe cheap or poorly made items or food that is high in calories but lacking in nutrition
199. global b\_\_d market      *n.* a close emotional connection between two or more people; a certificate of debt that a government or corporation issues to raise money
200. mo\_\_\_\_g ceremony      *adj.* causing strong emotions or feelings, especially sadness or sympathy
201. nuclear me\_\_\_\_ne      *n.* a soft, thin layer that forms animal or vegetable tissue
202. the state of being we\_\_d      *adj.* extraordinary, unexpected, or difficult to explain
203. dr\_\_\_\_t size      *n.* a small drop of liquid
204. co\_\_\_\_e fantasy with reality      *v.* to mistake one thing for another; to make somebody hard to understand
205. vi\_\_\_\_e at a regular frequency      *v.* to move or cause anything to move fast and in small increments from side to side
206. di\_\_\_\_e money equally      *v.* to separate or cause to separate into parts or groups

ANSWERS: 196. parasite, 197. ooze, 198. junk, 199. bond, 200. moving, 201. membrane, 202. weird, 203. droplet, 204. confuse, 205. vibrate, 206. divide

207. spread of the vi\_\_s *n.* a tiny infectious organic material that causes disease in people, animals, and plants
208. ex\_\_\_\_t a security hole *v.* to make full use of and gain an advantage from resources, opportunities, etc.
209. con\_\_\_\_\_ion of armaments *n.* the ability to focus all your time and energy on one thing without thinking about anything else.
210. the biggest tree in ex\_\_\_\_\_ce *n.* the state or fact of someone or something existing
211. ta\_\_y over a decision *v.* to delay or linger in a place; to stay or remain longer than necessary; to procrastinate or be slow in leaving; to wait or wait for something; (adjective) referring to something that is like tar in consistency or color, or is smeared or covered with tar
212. a scanty ha\_\_\_\_t *n.* yields of plants in a single growing season; the period of the year when gathering occurs on a farm
213. complete a pr\_\_\_\_\_pe product *n.* a first or preliminary example of something such as a device or vehicle from which other forms are developed
214. met\_\_\_\_\_sm enzyme *n.* the set of chemical reactions in cells or organisms that are necessary for life-sustaining
215. br\_\_\_\_\_n their horizon *v.* to make or become wider or more extensive; to make or become more tolerant or liberal.

ANSWERS: 207. virus, 208. exploit, 209. concentration, 210. existence, 211. tarry, 212. harvest, 213. prototype, 214. metabolism, 215. broaden

216. unr\_\_\_\_\_ed off-shore fishing *adj.* not subject to official rules, procedures, or oversight; not controlled or supervised by a governing authority or system
217. stripes cha\_\_\_\_\_tic of the zebra *n.* a typical feature or quality that can identify, tell apart, or describe something or somebody
218. c\_\_y animation *n.* a natural, earthy material that is made up of very small particles of minerals and can be molded when wet and then fired to produce ceramics
219. ev\_\_\_e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually
220. a capillary t\_\_e *n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape
221. professor of ch\_\_\_\_\_ry *n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions
222. a rud\_\_\_\_\_ry plant *adj.* relating to basic facts or principles; fundamental
223. ne\_\_\_l networks in AI *adj.* of or relating to a nerve or the nervous system that includes the brain
224. fall li\_\_\_\_\_ss *adj.* without life; dead
225. beauty s\_\_t *n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it

ANSWERS: 216. unregulated, 217. characteristic, 218. clay, 219. evolve, 220. tube, 221. chemistry, 222. rudimentary, 223. neural, 224. lifeless, 225. spot

226. st\_\_\_\_e environment *adj.* free from living microorganisms, especially bacteria, fungi, and viruses; incapable of reproducing
227. mo\_\_\_\_nt of troops *n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
228. co\_\_\_\_st two things *v.* to put in opposition to show or emphasize differences
229. damage to internal or\_\_ns *n.* a part of the body of an animal or plant that has a particular purpose and performs a specific job
230. dy\_\_\_\_c person *adj.* having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)
231. city co\_\_\_\_l election *n.* a group of people who have been elected or appointed to make decisions or give advice on a particular subject or in a particular place
232. chemical re\_\_\_\_on *n.* a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others
233. cellular mor\_\_\_\_gy *n.* the study of the form and structure of plants, animals, and other organisms; the study of the alteration of word forms as they change from one part of speech to another

ANSWERS: 226. sterile, 227. movement, 228. contrast, 229. organ, 230. dynamic, 231. council, 232. reaction, 233. morphology

234. re\_\_\_\_\_ze talent      *v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
235. the co\_\_\_\_\_um of events      *n.* a series of similar items in which no part or portion is distinct or distinguishable from adjacent parts
236. exp\_\_\_\_\_nt design      *n.* the scientific test conducted to observe what happens and gain new knowledge
237. a circular mo\_\_\_\_\_nt      *n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
238. a s\_\_t on his honor      *n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it
239. con\_\_\_\_\_ble aircraft      *adj.* able to be controlled or directed
240. f\_\_e blows      *n.* a small part in an electrical device or machinery that can interrupt the flow of electrical current when it is overloaded; (verb) to become plastic or fluid or liquefied from heat
241. labor pop\_\_\_\_\_on      *n.* the total number of people in a country, region, or location
242. li\_\_\_\_\_ke animation      *adj.* resembling or appearing similar to something alive or real, often realistically or vividly; convincing or authentic in appearance or behavior

ANSWERS: 234. recognize, 235. continuum, 236. experiment, 237. movement, 238. spot, 239. controllable, 240. fuse, 241. population, 242. lifelike

243. lab\_\_\_\_\_ry accident *n.* a workplace for doing scientific research or teaching science; a lab
244. su\_\_\_\_\_n a good relationship with him *v.* to supply enough of what somebody or something needs to survive or exist; to accept as valid
245. pr\_\_\_\_\_ve my strength *v.* to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed
246. 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
247. an interspecific hy\_\_\_\_d *adj.* composed of different elements or mixed characters
248. co\_\_\_\_\_t mainly of cells *v.* to be composed or made up of
249. int\_\_\_\_\_ate level *adj.* situated between two locations, things, states, etc.; around the middle of a scale of evaluation
250. re\_\_r to a map *v.* to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support
251. re-em\_\_\_\_\_ce of rampant inflation *n.* the process or fact of coming into existence or becoming apparent
252. fun\_\_\_\_\_al deafness *adj.* designed for or capable of a particular activity, purpose, or task; practical or ready for use or service

ANSWERS: 243. laboratory, 244. sustain, 245. preserve, 246. develop, 247. hybrid, 248. consist, 249. intermediate, 250. refer, 251. emergence, 252. functional

253. st\_\_\_\_\_re and function of the brain *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
254. co\_\_\_\_\_t fat into energy *v.* to have a talk with someone; (adjective) reversed in order, relation, or action
255. high pu\_\_\_\_y *n.* the state of being undiluted or unmixed with anything else; the state of being free from immorality, especially of a sexual nature
256. com\_\_\_\_\_ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
257. sta\_\_\_\_\_cs for cancer *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
258. meet req\_\_\_\_\_nt *n.* something that is needed or wanted
259. at\_\_\_\_h firmly *v.* to fasten, join, or connect one thing to another
260. j\_\_k mail *n.* discarded or unused material or objects, often considered worthless or of little value; also used to describe cheap or poorly made items or food that is high in calories but lacking in nutrition
261. rec\_\_\_\_\_re the operating system *v.* to change the configuration or arrangement of something, often to improve its performance or functionality
262. progress to a level wh\_\_\_\_\_n *adv.* in or during which; in the place, time, or situation that
263. change the ec\_\_\_\_\_em *n.* all the plants and living creatures in an area and the way they affect each other and the environment

ANSWERS: 253. structure, 254. convert, 255. purity, 256. complexity, 257. statistics, 258. requirement, 259. attach, 260. junk, 261. reconfigure, 262. wherein, 263. ecosystem



264. de\_\_\_e my position                    *v.*    to state or explain precisely the nature, scope, or meaning of something
265. medical l\_b                            *n.*    a workplace for the conduct of scientific research; a laboratory
266. sa\_\_\_\_\_y a user's needs           *v.*    to make somebody pleased by giving them what they want or need
267. as\_\_\_\_\_te with people widely    *v.*    to mentally connect someone or something with someone or something else
268. do li\_\_\_\_\_se                        *adv.* in the same way
269. acc\_\_\_\_\_le to pity                 *adj.* capable of being reached, easily got, or seen
270. school req\_\_\_\_\_nt                 *n.*    something that is needed or wanted
271. re\_\_\_\_\_te the cell                 *v.*    to make an exact copy of something; to repeat a process or experiment to confirm the results
272. re\_\_r to a book                        *v.*    to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support
273. a big b\_\_b of yellow                 *n.*    a small amount or drop of a thick liquid or sticky substance
274. in\_\_\_\_\_et the question            *v.*    to explain or assign the meaning of information, actions, etc.
275. as\_\_\_\_\_ly hall                      *n.*    a group of people who have been elected, especially one that meets regularly and makes decisions or laws for a specific region or country

ANSWERS: 264. define, 265. lab, 266. satisfy, 267. associate, 268. likewise, 269. accessible, 270. requirement, 271. replicate, 272. refer, 273. blob, 274. interpret, 275. assembly



286. marine ec\_\_\_\_\_em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
287. na\_\_\_n-state *n.* a large organized community of people living in a particular country or region and having a particular culture
288. the ch\_\_\_\_\_ry of soil *n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions
289. sim\_\_\_\_\_ic approach *adj.* oversimplified or lacking in complexity or depth; characterized by an attempt to explain something complex or multifaceted with overly vague or simple terms
290. arc\_\_\_\_\_ure design *n.* the art and science of designing and constructing buildings
291. 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.
292. cr\_\_\_\_\_l analyses *n.* a solid material with many even sides that is formed naturally when the substance becomes solid and has a highly regular atomic structure; clear and colorless glass made of almost pure silica
293. br\_\_\_\_\_n students' knowledge *v.* to make or become wider or more extensive; to make or become more tolerant or liberal.

ANSWERS: 286. ecosystem, 287. nation, 288. chemistry, 289. simplistic, 290. architecture, 291. photosynthesis, 292. crystal, 293. broaden

294. po\_\_\_\_\_s a basic knowledge *v.* to have or own something or to have as an attribute, knowledge, skill, etc.
295. mor\_\_\_\_\_gy of a language *n.* the study of the form and structure of plants, animals, and other organisms; the study of the alteration of word forms as they change from one part of speech to another
296. re\_\_\_\_\_ce by myself *v.* to make a copy of something such as a picture, piece of text, music, etc.; to produce offspring through a sexual or asexual process
297. 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.
298. pop\_\_\_\_\_on change *n.* the total number of people in a country, region, or location
299. di\_\_\_\_\_e backgrounds *adj.* including numerous categories of individuals or entities; various
300. important dis\_\_\_\_\_on *n.* a difference or contrast between similar things or people
301. ind\_\_\_\_\_al freedom *n.* a single person or thing, as distinct from a group
302. at\_\_\_\_\_te directly to sales *v.* to say or regard that something is the result of a particular thing; (noun) a quality or feature that someone or something possesses;
303. re\_\_\_\_\_on strategy *n.* a decrease in size, amount, or degree

ANSWERS: 294. possess, 295. morphology, 296. reproduce, 297. photosynthesis, 298. population, 299. diverse, 300. distinction, 301. individual, 302. attribute, 303. reduction

304. co\_\_\_\_\_t base 10 to base 16      *v.* to have a talk with someone; (adjective) reversed in order, relation, or action
305. human ev\_\_\_\_\_on      *n.* a gradual process of transformation of living things
306. sh\_\_\_\_\_g example      *adj.* giving off or reflecting light; bright, glistening, or gleaming; characterized by impressive accomplishments or excellence
307. b\_\_d as a family      *n.* a close emotional connection between two or more people; a certificate of debt that a government or corporation issues to raise money
308. sy\_\_\_\_\_is of ammonia      *n.* the combination of components or elements to form a more complex whole; the creation of something new through combining parts or elements
309. re\_\_\_\_\_nt by a diagram      *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
310. 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
311. lo\_\_\_e a missing pet      *v.* to specify or determine the exact position of someone or something
312. mo\_\_\_n poetry      *adj.* of or belonging to the present time or recent times

ANSWERS: 304. convert, 305. evolution, 306. shining, 307. bond, 308. synthesis, 309. represent, 310. organic, 311. locate, 312. modern

## Session 3: Fill in the Blanks

1. This process caused an \_\_\_\_\_ chemical reaction.  
*adj.* possessing or exerting or displaying energy
2. Firstly, we will discuss the budget; \_\_\_\_\_ we will go over the schedule.  
*adv.* used to introduce the second point or item in a list or series of statements, considerations, etc.
3. We need to \_\_\_\_\_ the office layout to use the space better.  
*v.* to change the configuration or arrangement of something, often to improve its performance or functionality
4. They study the \_\_\_\_\_ of the universe.  
*n.* a gradual process of transformation of living things
5. To advance this discussion, we must \_\_\_\_\_ "success" rigorously.  
*v.* to state or explain precisely the nature, scope, or meaning of something
6. 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
7. The Prime Minister will pay a courtesy visit to the Nobel laureate's \_\_\_\_\_.  
*n.* a workplace for the conduct of scientific research; a laboratory
8. Human behavior has \_\_\_\_\_ characteristics.  
*adj.* forming an essential base or core from which everything else develops or is affected

ANSWERS: 1. energetic, 2. secondly, 3. reconfigure, 4. evolution, 5. define, 6. ecosystem, 7. lab, 8. fundamental

9. During the flight, the wings of the plane \_\_\_\_\_.
- v.* to move or cause anything to move fast and in small increments from side to side
10. He has only a \_\_\_\_\_ knowledge of this topic.
- adj.* relating to basic facts or principles; fundamental
11. His \_\_\_\_\_ showed highly positive results.
- n.* the scientific test conducted to observe what happens and gain new knowledge
12. He was an atheist and therefore did not believe in the \_\_\_\_\_ of heaven or hell.
- n.* the state or fact of someone or something existing
13. A \_\_\_\_\_ of ink fell on the floor.
- n.* a small amount or drop of a thick liquid or sticky substance
14. This remote \_\_\_\_\_ is rarely visited.
- n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it
15. Please \_\_\_\_\_ to the instruction manual for further assistance.
- v.* to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support
16. Greed is the primary \_\_\_\_\_ in the making of criminals.
- n.* one of the things used to make something, especially one of the foods used to make a particular dish

ANSWERS: 9. vibrate, 10. rudimentary, 11. experiments, 12. existence, 13. blob, 14. spot, 15. refer, 16. ingredient

17. The organizational \_\_\_\_\_ of start-ups is often flat and straightforward.  
*n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
18. His \_\_\_\_\_ speech about his struggles with addiction brought tears to the audience's eyes.  
*adj.* causing strong emotions or feelings, especially sadness or sympathy
19. I need to clear out some of the \_\_\_\_\_ in my garage.  
*n.* discarded or unused material or objects, often considered worthless or of little value; also used to describe cheap or poorly made items or food that is high in calories but lacking in nutrition
20. After his death, his sons \_\_\_\_\_ his business.  
*v.* to receive money, property, or a title from someone after they have died
21. There are various hypotheses concerning the \_\_\_\_\_ of life.  
*n.* the first existence or beginning of something
22. He included a \_\_\_\_\_ from the book in his essay.  
*n.* a group of words taken from a text or speech and repeated by someone other than the original author or speaker
23. The Chinese people have accomplished several \_\_\_\_\_ feats.  
*adj.* famous or significant in history, or potentially so
24. They had formed a friendship \_\_\_\_\_.  
*n.* a close emotional connection between two or more people; a certificate of debt that a government or corporation issues to raise money

ANSWERS: 17. structure, 18. moving, 19. junk, 20. inherited, 21. origin, 22. quotation, 23. historic, 24. bond



25. He wandered the \_\_\_\_\_ between life and death by gunfire.  
*n.* a real or imaginary line that marks the limit or extent of something and separates it from other things or places
26. This device displayed the speech \_\_\_\_\_ spectrographically.  
*n.* an ordered array of colors into which a light beam can be split
27. He was \_\_\_\_\_ from his job for stealing company property.  
*v.* to remove or dismiss someone from a position or place; (noun) a large bag made of strong, rough material, such as burlap, that is used for storing or carrying things
28. New York is a city with a \_\_\_\_\_ ethnic population.  
*adj.* including numerous categories of individuals or entities; various
29. They worked hard to \_\_\_\_\_ the nature of their native lands.  
*v.* to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed
30. \_\_\_\_\_ algorithms can find ways to optimize that humans do not anticipate.  
*adj.* relating to or denoting how living things develop or change from earlier forms
31. In just four years, the \_\_\_\_\_ has doubled.  
*n.* the total number of people in a country, region, or location
32. The company \_\_\_\_\_ its product line to include more customer options.  
*v.* to make or become wider or more extensive; to make or become more tolerant or liberal.

ANSWERS: 25. boundary, 26. spectrum, 27. sacked, 28. diverse, 29. preserve, 30. Evolutionary, 31. population, 32. broadened

33. The wound on his leg continued to \_\_\_\_\_ blood even after he applied pressure.  
*v.* to flow or seep out slowly, often in a thick, viscous manner; to exude or emit slowly and steadily
34. What is the entry \_\_\_\_\_ for this course?  
*n.* something that is needed or wanted
35. The politician's solution to the problem was too \_\_\_\_\_ to solve the underlying issue.  
*adj.* oversimplified or lacking in complexity or depth; characterized by an attempt to explain something complex or multifaceted with overly vague or simple terms
36. The \_\_\_\_\_ of Japan is known for its unique culture and advanced technology.  
*n.* a large organized community of people living in a particular country or region and having a particular culture
37. He does not \_\_\_\_\_ importance to these rumors.  
*v.* to fasten, join, or connect one thing to another
38. Loud noises might harm the fragile ear \_\_\_\_\_.  
*n.* a soft, thin layer that forms animal or vegetable tissue
39. You must \_\_\_\_\_ the software with a 16-digit key before you can use it.  
*v.* make something start working, more active or dynamic
40. These infections have the potential to impact practically every \_\_\_\_\_ system.  
*n.* a part of the body of an animal or plant that has a particular purpose and performs a specific job

ANSWERS: 33. ooze, 34. requirement, 35. simplistic, 36. nation, 37. attach, 38. membrane, 39. activate, 40. organ

41. Character \_\_\_\_\_ is one of the goals of education.

*n.* the way something is created naturally or the way it has been arranged

42. He didn't meet all the \_\_\_\_\_ but he was hired anyway.

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

43. The sponge takes up the \_\_\_\_\_ well.

*n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas

44. It's intriguing to compare and \_\_\_\_\_ the two authors.

*v.* to put in opposition to show or emphasize differences

45. 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

46. I need to \_\_\_\_\_ my car regularly to prevent any major mechanical issues.

*v.* to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true

47. Her remarks \_\_\_\_\_ the debate.

*v.* to mistake one thing for another; to make somebody hard to understand

48. The artist created a \_\_\_\_\_ sculpture of a famous politician for the town square.

*adj.* resembling or appearing similar to something alive or real, often realistically or vividly; convincing or authentic in appearance or behavior

ANSWERS: 41. formation, 42. criteria, 43. liquid, 44. contrast, 45. process, 46. maintain, 47. confused, 48. lifelike

49. The plant had a \_\_\_\_\_ appearance, indicating that it was not getting enough water.

*adj.* without life; dead

50. The firm has grown into a large \_\_\_\_\_ manufacturing.

*adj.* relating to or connected with chemistry;

51. 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

52. Every human is responsible for taking care of the Earth's \_\_\_\_\_.

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

53. Eyeless fish \_\_\_\_\_ in dark caves.

*v.* to develop gradually, or to cause the development of something or someone gradually

54. I'm prepared to \_\_\_\_\_ challenges throughout this adventure.

*v.* to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly

55. The road workers spread \_\_\_\_ over the cracks in the pavement to prevent water and ice from causing further damage.

*n.* a thick, sticky substance that is dark in color and is commonly used for road surfacing or as a material for roofing; a common byproduct of burning coal or wood

56. The global community is undergoing \_\_\_\_\_ changes at present.

*adj.* radical and extreme; likely to have a significant or far-reaching impact

ANSWERS: 49. lifeless, 50. chemical, 51. planet, 52. environment, 53. evolved, 54. encounter, 55. tar, 56. drastic

57. We \_\_\_\_\_ our mining resources to strengthen our national power.  
*v.* to make full use of and gain an advantage from resources, opportunities, etc.
58. There was a disturbance of \_\_\_\_\_ function.  
*adj.* of or relating to a nerve or the nervous system that includes the brain
59. The \_\_\_\_\_ is about 13.8 billion years old.  
*n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
60. The \_\_\_\_\_ train was packed with commuters during rush hour.  
*n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape
61. His \_\_\_\_\_ bedroom is always a source of frustration for his mother.  
*adj.* disorganized and untidy
62. The discovery of the \_\_\_\_\_ soup was a crucial step in understanding the origins of life on Earth.  
*adj.* existing from the beginning of time or the start of a particular process; relating to the earliest stage of the universe
63. This company's \_\_\_\_\_ plant is an enormous facility.  
*n.* a group of people who have been elected, especially one that meets regularly and makes decisions or laws for a specific region or country
64. Without regulations, the industry is \_\_\_\_\_ and potentially dangerous.  
*adj.* not subject to official rules, procedures, or oversight; not controlled or supervised by a governing authority or system

ANSWERS: 57. exploit, 58. neural, 59. universe, 60. tube, 61. messy, 62. primordial, 63. assembly, 64. unregulated

65. We need to \_\_\_\_\_ the next steps for the project during our meeting tomorrow.
- v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
66. The paint was a \_\_\_\_\_ of different pigments to achieve the desired color.
- n.* a combination of different elements, substances, or entities, usually in non-uniform proportions, resulting in a homogeneous or heterogeneous blend of physical or chemical properties
67. By dividing and creating copies of themselves, bacteria \_\_\_\_\_.
- v.* to make a copy of something such as a picture, piece of text, music, etc.; to produce offspring through a sexual or asexual process
68. The chemical \_\_\_\_\_ of the new drug was a breakthrough in medical research.
- n.* the combination of components or elements to form a more complex whole; the creation of something new through combining parts or elements
69. The company struggled to maintain an \_\_\_\_\_ between its profits and social responsibilities.
- n.* a state in which opposing forces or influences are balanced
70. She struggled to \_\_\_\_\_ the children's reading habits.
- v.* to supply enough of what somebody or something needs to survive or exist; to accept as valid
71. His professional experience includes all \_\_\_\_\_ of media production.
- n.* one part or feature of a situation, problem, subject, etc.
72. There was a chemical \_\_\_\_\_ of the lime with the groundwater.
- n.* a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others

ANSWERS: 65. discuss, 66. mixture, 67. reproduce, 68. synthesis, 69. equilibrium, 70. sustain, 71. aspects, 72. reaction

73. The industry in this country is still \_\_\_\_\_.

*adj.* of or relating to an early stage of society with no industry or technological development; simple, naive, or old-fashioned in style

74. Bananas have their \_\_\_\_\_ taste and odor.

*n.* a typical feature or quality that can identify, tell apart, or describe something or somebody

75. The new software is much more \_\_\_\_\_ and user-friendly.

*adj.* able to be controlled or directed

76. 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.

77. He is familiar with \_\_\_\_\_ and biology.

*n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions

78. We are \_\_\_\_\_ these rooms now.

*v.* to change the structure or form of something

79. Purple is \_\_\_\_\_ between blue and red.

*adj.* situated between two locations, things, states, etc.; around the middle of a scale of evaluation

80. Our life is a \_\_\_\_\_ of experience in which events pass from the future through the present to the past.

*n.* a series of similar items in which no part or portion is distinct or distinguishable from adjacent parts

ANSWERS: 73. primitive, 74. characteristic, 75. controllable, 76. photosynthesis, 77. chemistry, 78. remodeling, 79. intermediate, 80. continuum

81. The party was \_\_\_\_\_ filled with laughter and music.

*adj.* full of energy and activity; animated

82. The \_\_\_\_\_ demonstrate that poverty and unemployment are genuine problems.

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

83. The \_\_\_\_\_ in carbon emissions has been significant since the implementation of the new policy.

*n.* a decrease in size, amount, or degree

84. I decided to \_\_\_\_\_ a little longer at the beach and enjoy the sunset before heading home.

*v.* to delay or linger in a place; to stay or remain longer than necessary; to procrastinate or be slow in leaving; to wait or wait for something; (adjective) referring to something that is like tar in consistency or color, or is smeared or covered with tar

85. The \_\_\_\_\_ of a new virus can cause concern for public health.

*n.* the process or fact of coming into existence or becoming apparent

86. The \_\_\_\_\_ of the bees filled the air as she walked through the garden.

*adj.* producing a continuous, low, vibrating sound like that of the bee

87. Her research team made an important \_\_\_\_\_.

*n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known

88. Common salt is a sodium and chlorine \_\_\_\_\_.

*n.* an item composed of two or more distinct elements combined; a chemical formed by the combination of two or more elements

ANSWERS: 81. lively, 82. statistics, 83. reduction, 84. tarry, 85. emergence, 86. humming, 87. discovery, 88. compound



89. Different people might \_\_\_\_\_ this news differently.  
*v.* to explain or assign the meaning of information, actions, etc.
90. Missile assaults on the capital continued around \_\_\_\_\_.  
*n.* the time of day when the sun's light starts to show in the sky
91. The robot can accurately \_\_\_\_\_ construction material.  
*v.* to specify or determine the exact position of someone or something
92. The camera's focus was off, and the image was a \_\_\_\_\_ of colors and shapes.  
*n.* a faint or indistinct image or sound; something that is not clear or distinct; (verb) to become unclear; to lose clear vision
93. He is tall and \_\_\_\_\_ strong.  
*adv.* in the same way
94. The \_\_\_\_\_ of rocks can reveal clues about their geological history.  
*n.* the study of the form and structure of plants, animals, and other organisms; the study of the alteration of word forms as they change from one part of speech to another
95. He \_\_\_\_\_ a good sense of humor.  
*v.* to have or own something or to have as an attribute, knowledge, skill, etc.
96. Better sleep leads to increased \_\_\_\_\_.  
*n.* the set of chemical reactions in cells or organisms that are necessary for life-sustaining
97. This examination \_\_\_\_\_ of five problems to solve.  
*v.* to be composed or made up of

ANSWERS: 89. interpret, 90. dawn, 91. locate, 92. blur, 93. likewise, 94. morphology, 95. possesses, 96. metabolism, 97. consists

98. This study \_\_\_\_\_ four different ways to run a business.  
*v.* to notice or understand the difference between two people or things
99. The shape of the DNA \_\_\_\_\_ is a double helix.  
*n.* a group of two or more atoms held together by attractive forces known as chemical bonds
100. The performance was \_\_\_\_\_ with standing ovations throughout.  
*adj.* extremely or remarkably good; causing great public interest or excitement
101. The majority of consumers \_\_\_\_\_ this brand with quality.  
*v.* to mentally connect someone or something with someone or something else
102. The human \_\_\_\_\_ contains approximately three billion chemical base pairs.  
*n.* the complete set or sequence of genes of a human, animal, plant, or other living things
103. The project's \_\_\_\_\_ made it difficult for the team to complete it on time.  
*n.* the state or quality of being complicated or intricate and difficult to understand
104. The sculptor carefully molded the \_\_\_\_\_ into the desired shape.  
*n.* a natural, earthy material that is made up of very small particles of minerals and can be molded when wet and then fired to produce ceramics
105. Higher \_\_\_\_\_ requires additional equipment and energy.  
*n.* the state of being undiluted or unmixed with anything else; the state of being free from immorality, especially of a sexual nature
106. My father's death \_\_\_\_\_ my life completely.  
*v.* to change in outward structure or looks;

ANSWERS: 98. distinguished, 99. molecule, 100. sensational, 101. associate, 102. genome, 103. complexity, 104. clay, 105. purity, 106. transformed

107. The sprinter has a \_\_\_\_\_ way of running.

*adj.* having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)

108. He is an \_\_\_\_\_ and genial man.

*adj.* capable of being reached, easily got, or seen

109. The \_\_\_\_\_ content in the soil sample was analyzed to assess its suitability for agricultural use.

*n.* a soft clay mineral belonging to the group of smectite minerals, named after the town of Montmorillon in France, where it was first discovered, known for its ability to swell and retain water, as well as its use in ceramics and the oil drilling industry

110. Did this response \_\_\_\_\_ your request?

*v.* to make somebody pleased by giving them what they want or need

111. The negotiator skillfully \_\_\_\_\_ the tense situation with calm words and gestures.

*v.* to reduce or eliminate the tension, anger, or hostility in a situation, especially a potentially explosive one, by calming, soothing, or pacifying those involved

112. The \_\_\_\_\_ of water is called ice.

*adj.* hard or firm; characterized by good substantial quality

113. He \_\_\_\_\_ the disappointing results to the economic downturn.

*v.* to say or regard that something is the result of a particular thing; (noun) a quality or feature that someone or something possesses;

ANSWERS: 107. dynamic, 108. accessible, 109. montmorillonite, 110. satisfy, 111. defused, 112. solid-state, 113. attributes

114. 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

115. It's important to \_\_\_\_\_ your strengths and weaknesses.

*v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered

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

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

117. Tapeworms are \_\_\_\_\_ that live in the intestines of humans and animals.

*n.* an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense

118. The city is known for its impressive \_\_\_\_\_ and beautiful old buildings.

*n.* the art and science of designing and constructing buildings

119. 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

120. X-rays revealed a small tumor in his \_\_\_\_\_.

*n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling

121. The city \_\_\_\_\_ voted to approve the new development project.

*n.* a group of people who have been elected or appointed to make decisions or give advice on a particular subject or in a particular place

ANSWERS: 114. organic, 115. recognize, 116. Synthetic, 117. parasites, 118. architecture, 119. individual, 120. brain, 121. council

122. This exam requires excellent \_\_\_\_\_ to pass.

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

123. A single \_\_\_\_\_ of water can reflect the entire world upside down.

*n.* a small drop of liquid

124. I can't see any \_\_\_\_\_ between these two concepts.

*n.* a difference or contrast between similar things or people

125. The \_\_\_\_\_ sauce on the ice cream was the perfect finishing touch.

*n.* a sweet, dark brown, sticky substance made by heating sugar or syrup until it melts and then cooling it quickly

126. The mule is a \_\_\_\_\_ between a male donkey and a female horse.

*adj.* composed of different elements or mixed characters

127. The \_\_\_\_\_ sun reflected off the calm ocean water.

*adj.* giving off or reflecting light; bright, glistening, or gleaming; characterized by impressive accomplishments or excellence

128. Animal protection groups call for an end to animal testing in a \_\_\_\_\_.

*n.* a workplace for doing scientific research or teaching science; a lab

129. Can you \_\_\_\_\_ 123321 by eleven?

*v.* to separate or cause to separate into parts or groups

130. The experiment was \_\_\_\_\_ several times to ensure accuracy.

*v.* to make an exact copy of something; to repeat a process or experiment to confirm the results

ANSWERS: 122. concentration, 123. droplet, 124. distinction, 125. caramel, 126. hybrid, 127. shining, 128. laboratory, 129. divide, 130. replicated

131. The \_\_\_\_\_ of the dancers on stage was graceful and elegant.
- n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
132. The management must \_\_\_\_\_ strategies to increase office security.
- v.* to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it
133. Surgeons must use \_\_\_\_\_ instruments to prevent infection during an operation.
- adj.* free from living microorganisms, especially bacteria, fungi, and viruses; incapable of reproducing
134. A diversified plant species generally enhances beneficial \_\_\_\_\_ populations.
- n.* a tiny living thing
135. A vast \_\_\_\_\_ chandelier glittered brightly above us.
- n.* a solid material with many even sides that is formed naturally when the substance becomes solid and has a highly regular atomic structure; clear and colorless glass made of almost pure silica
136. One bad apple spoils the whole \_\_\_\_\_.
- n.* a grouping of several similar things which are growing or fastened together
137. 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
138. The flying car is presently in the \_\_\_\_\_ stage.
- n.* a first or preliminary example of something such as a device or vehicle from which other forms are developed

ANSWERS: 131. movement, 132. explore, 133. sterile, 134. organism, 135. crystal, 136. bunch, 137. represent, 138. prototype

139. An infected person in the hospital will likely pass the \_\_\_\_\_ to others.  
*n.* a tiny infectious organic material that causes disease in people, animals, and plants
140. The \_\_\_\_\_ intelligence system has revolutionized the way we live and work.  
*adj.* not natural and made by human beings; not real but produced to resemble something
141. Their love of discovery and exploration often \_\_\_\_\_ the adventurous spirit of the explorer.  
*v.* to describe the distinctive nature or features of someone or something; to be a distinguishing feature of
142. The \_\_\_\_\_ of the cell shows detailed structures that the naked eye cannot see.  
*n.* a photograph or image that has been taken through a microscope or magnifying lens, typically used for scientific or medical purposes
143. My computer has been acting \_\_\_\_\_ recently.  
*adj.* extraordinary, unexpected, or difficult to explain
144. He has a short \_\_\_\_\_.  
*n.* a small part in an electrical device or machinery that can interrupt the flow of electrical current when it is overloaded; (verb) to become plastic or fluid or liquefied from heat
145. I want to \_\_\_\_\_ my sadness into strength.  
*v.* to have a talk with someone; (adjective) reversed in order, relation, or action

ANSWERS: 139. virus, 140. artificial, 141. characterizes, 142. micrograph, 143. weird, 144. fuse, 145. convert

146. Their headquarters are in a \_\_\_\_\_ skyscraper.  
*adj.* of or belonging to the present time or recent times
147. During \_\_\_\_\_ farmers are incredibly busy.  
*n.* yields of plants in a single growing season; the period of the year when gathering occurs on a farm
148. The court ruled in favor of the plaintiff, \_\_\_\_\_ they were awarded damages for the defendant's negligence.  
*adv.* in or during which; in the place, time, or situation that
149. 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
150. The \_\_\_\_\_ wires in the electrical circuit caused a power outage.  
*adj.* joined together or combined into one; blended or integrated in a way that creates a new entity
151. In junior high school, we had to dissect a frog in \_\_\_\_\_ class.  
*n.* the scientific study of life and the natural processes of living things
152. Most countries prohibit sexual activity between certain close \_\_\_\_\_.  
*adj.* considered and evaluated through comparison with something else
153. \_\_\_\_\_ substances include rocks and minerals.  
*adj.* being or consisting of nonliving stuff; chemical compounds that contain no or only trace amounts of carbon

ANSWERS: 146. modern, 147. harvest, 148. wherein, 149. develop, 150. fused, 151. biology, 152. relatives, 153. Inorganic



154. The mobile phone was still \_\_\_\_\_ even after being dropped.

*adj.* designed for or capable of a particular activity, purpose, or task; practical or ready for use or service

155. How many \_\_\_\_\_ does the average lion have?

*n.* descendant; any immature animal or plant

156. It seems \_\_\_\_\_ that he has forgotten our scheduled meeting.

*adj.* likely to happen or likely to be true

ANSWERS: 154. functional, 155. offspring, 156. probable