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Vocabulary Builder Reference from...

Floyd E. Romesberg: The radical possibilities of man-made DNA | TED Talk

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

All Words

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Session 1: Word List

alphabet

n. a character set that includes letters and is used to write a language

synonym : ABC's

(1) letters of an **alphabet**, (2) an **alphabet** of manual signs
He strove to memorize the Hebrew **alphabet**.

combine

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

synonym : coalesce, cohere, blend

(1) **combine** chemically with another substance,
(2) **combine** augmented reality

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

genetic

adj. of or relating to genes (= parts of the DNA in cells) or the science of genes

synonym : hereditary, genetical, inborn

(1) have **genetic** testing, (2) a **genetic** disorder

Understanding protein folding is a vital step in deciphering the **genetic** code.

protein

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

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

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

string

n. long, thin material used for tying things together, composed of several twisted threads

synonym: line, wire, rope

(1) retie the **string** and make it strong, (2) tense piano **strings**

She wore a **string** of pearls around her neck.

amino

n. compounds and functional groups that contain a basic nitrogen atom with a lone pair (NH₂) that combine to make protein

(1) **amino** compound, (2) **amino** acid

This company was granted a patent for its **amino** resin manufacturing process.

acid

n. sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials

synonym: sour

(1) an **acid** reaction, (2) good source of essential amino **acids**

During pregnancy, the stomach generates less **acid** than usual.

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.

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.

function

n. the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

synonym: purpose, mapping, job

(1) **function** properly, (2) immune **function**

The brain is an incredibly complex organ that controls the body's **function**.

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.

remarkable

adj. worthy of attention because unusual or special

synonym: outstanding, exceptional, extraordinary

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

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

diversity

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

synonym: variety, multiplicity, variousness

(1) the **diversity** policy of the university, (2) lingual **diversity**

He was impressed by the range and **diversity** of the collection.

- 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**.
- institute** *n.* an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something
synonym: academy, university, college
(1) **institute** a lawsuit, (2) research **institutes**
This region has many **institutes** offering higher education.
- addition** *n.* the act or process of adding something to something else; the process of adding numbers
synonym: accumulation, expansion, addendum
(1) chemical **addition**, (2) **addition** of vectors
In **addition**, private corporations provide healthcare services.
- human-made** *adj.* created or produced by humans; artificial
synonym: artificial, unnatural, manufactured
(1) **human-made** climate change, (2) the worst **human-made** disaster
The bridge is a **human-made** structure and was built to span the river.
- radical** *adj.* relating to the essential aspects of anything; far beyond the norm, mainly used of opinions and actions
synonym: extreme, revolutionary
(1) a **radical** flaw in the plan, (2) a **radical** cure
The government established by the coup was more **radical** than before.
- 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.

norm

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

synonym : criterion, mean, standard

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

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

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.

molecular

adj. of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)

synonym : microscopic, atomic

(1) **molecular** structure, (2) **molecular** biology

Molecular weight is the sum of all the atoms.

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.

bacteria

n. single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease

synonym : microorganism, microbe

(1) pathogenic **bacteria**, (2) harmless **bacteria**

Bacteria prevalent in hospitals are often resistant to

antibiotics.

synthesize

v. to combine a substance to make a more complex product or compound

synonym: incorporate, amalgamate

(1) **synthesize** molecules, (2) **synthesize** information

The spider can **synthesize** multiple different silk proteins.

candidate

n. a person who is seeking or being considered for some kind of position, title, honor, or award; a job applicant

synonym: applicant, nominee, contender

(1) **candidate** selection, (2) PhD **candidate**

The **candidate's** platform focused on healthcare reform and reducing income inequality.

examine

v. to study or consider a person or object attentively and thoroughly to learn something about them

synonym: study, probe, analyze

(1) **examine** the data studiously, (2) **examine** the issue

Initially, we must **examine** all project-related expenses.

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.

complicated

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

synonym: complex, convoluted, intricate

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

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

eventually

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

synonym: finally, someday, ultimately

(1) **eventually** become obsolete, (2) **eventually** succeed
The corporation **eventually** dominated the entire tobacco business.

algae

n. A simple plant that grows in or near water and lacks typical leaves and roots

(1) **algae** biofuel, (2) blue **algae**

Algae has jammed the inlet to the water turbine.

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?

impatience

n. a feeling of restlessness or irritation caused by a desire for something to happen or be done more quickly; lack of patience

synonym: impatience, restlessness, agitation

(1) **impatience** with delays, (2) business **impatience**

The doctor advised him to manage his **impatience** as stress could exacerbate his medical condition.

immediately

adv. now or without delay

synonym: directly, instantly, promptly

(1) **immediately** recall a product, (2) write him an answer **immediately**

A suspension order from the court is effective **immediately**.

graduate

n. a person who has a first degree from university or college; (verb) to complete the first course of university or college and get a degree

synonym: alumna, alum, grad

(1) **graduate** degree program, (2) honor **graduate**

Many employers hire **graduate** trainees to train as managers.

opportune

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

synonym : suitable, timely, practical

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

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

introduction

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

synonym : initiation, preamble, prologue

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

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

motivation

n. the reason or enthusiasm for acting or behaving in a particular way

synonym : inspiration, incentive, reason

(1) understand his **motivation**, (2) **motivation** for a change

A significant amount of **motivation** is required to be a teacher.

conceptual

adj. related to or founded on ideas, principles

synonym : theoretical, abstract, ideational

(1) **conceptual** art, (2) new **conceptual** framework

He has absolutely no **conceptual** comprehension of maths.

practical

adj. of or connected with actual use or real situation rather than with theory and ideas

synonym : applicable, functional, realistic

(1) **practical** English, (2) gain **practical** experience

Her concept is highly **practical** and helpful.

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.

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.

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.

optimize

v. to make the best or most effective use of something

synonym: advance, amend, improve

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

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

perspective

n. a confident attitude toward something; a particular style of thinking about something

synonym: viewpoint, standpoint, outlook

(1) a **perspective** view, (2) the **perspective** of the battle

His father's death changed his whole **perspective** on life.

screw

v. to turn something, such as a bolt, with a driver or wrench to tighten or loosen it; (noun) a cylindrical rod with a helical ridge used to fasten things together

synonym: tighten, fix, secure

(1) **screw** the cap, (2) a female **screw**

He had to **screw** the loose knob back onto the cabinet door.

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.

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.

esoteric

adj. intended for or likely to be understood by only a small number of people with specialized knowledge or interest

synonym: abstruse, recondite, arcane

(1) an **esoteric** religion, (2) **esoteric** tome

The book's content was so **esoteric** only a select few scholars could fully understand it.

expand

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

synonym: extend, grow, boost

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

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

vocabulary

n. the words used by a language, group, or individual; the knowledge and understanding of words and their meanings that a person possesses

synonym: lexicon, glossary, dictionary

(1) **vocabulary** list, (2) academic **vocabulary**

Using proper **vocabulary** is essential for writing a good essay.

increasingly

adv. more and more

synonym: more and more, progressively

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

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

broad

adj. very wide; general

synonym : wide, expansive, comprehensive

(1) attract **broad** attention, (2) a **broad** mind

He accumulated wealth across a **broad** spectrum of assets.

injury

n. harm done to a person's or an animal's body caused by an accident or an attack

synonym : wound, damage, hurt

(1) without **injury**, (2) a fatal **injury**

My accidental **injury** got better right away.

device

n. a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

synonym : gadget, instrument, tool

(1) electronic **device**, (2) tracking **device**

I always carry a backup **device** in case my phone runs out of battery.

detect

v. to find or recognize something, especially something difficult to see, hear, etc.

synonym : catch, observe, notice

(1) **detect** a bad event, (2) **detect** smuggling across borders

The security camera has **detected** four intruders.

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**.

exciting

adj. causing a lot of interest or excitement

synonym : exhilarating, stimulating, thrilling

(1) **exciting** football player, (2) **exciting** news

The findings of the experiment were both **exciting** and

unexpected.

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**.

revolution

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

synonym: coup, innovation, rebellion

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

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

medicinal

adj. of or relating to the treatment or cure of disease

synonym: curative, therapeutic, healing

(1) **medicinal** chemistry, (2) traditional **medicinal**

The **medicinal** properties of this herb have been known to help with various ailments.

insulin

n. a hormone produced in the pancreas that controls the amount of sugar in the blood, or a similar artificial substance used for the treatment of diabetes

(1) daily **insulin** dose, (2) development of **insulin** resistance

He had an **insulin** shock after drinking large quantities of fruit juices.

manufacture

v. to make goods in large numbers, usually in a factory using machines

synonym: create, fabricate, assemble

(1) **manufacture** an enzyme, (2) **manufacture** a product

The majority of synthetic vitamins are **manufactured** from oil.

diabetes

n. a medical condition in which the body cannot produce enough insulin to control the glucose levels in the blood

(1) juvenile **diabetes**, (2) **diabetes** patient

My father was tested for **diabetes**.

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.

routinely

adv. on a regular or habitual basis; in a manner that is customary or expected

synonym: habitually, regularly, customarily

(1) **routinely** check, (2) **routinely** scheduled maintenance

They **routinely** conduct fire drills to ensure everyone in the building knows what to do in an emergency.

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.

disease

n. a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems

synonym: illness, ailment, affliction

(1) **disease** prevention, (2) **disease** control

The doctor diagnosed him with a rare **disease** that had no known cure.

provocative

adj. arousing anger, interest, or another strong reaction, especially deliberately

synonym: instigating, provoking, inciting

(1) **provocative** questions, (2) a **provocative** smile

His **provocative** style frequently sparked controversies.

confer

v. to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something

synonym: consult, meet, discuss

(1) **confer** degree, (2) **confer** honor

The leaders of the two countries met to **confer** on the issue.

desire

n. a strong feeling of wanting to have or do something

synonym: ambition, appetite, greed

(1) unsatisfied **desire**, (2) fleshly **desire**

Low sexual **desire** typically correlates with low testosterone levels.

property

n. a thing or things that belong to someone

synonym: belongings, possessions, equity

(1) a man of **property**, (2) chemical **property**

He stood to inherit a million-dollar **property**.

stable

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

synonym: sturdy, unmoving, durable

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

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

inject

v. to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)

synonym: shoot, infiltrate, insinuate

(1) **inject** under the skin, (2) **inject** a personal opinion into a debate

Let's try to **inject** a bit of enthusiasm into your performance.

degrade

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

synonym: demean, disgrace, impair

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

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

eliminate

v. to remove or get rid of someone or something

synonym: wipe out, destroy, eradicate

(1) **eliminate** contestants, (2) **eliminate** sexual barriers

We can **eliminate** this possibility from those consumptions.

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.

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**.

specifically

adv. only associated with or meant for one thing

synonym: especially, particularly, notably

(1) designed **specifically** for men, (2) for **specifically** American customers

This ad campaign is aimed **specifically** at young women.

grab

v. to take hold of something or someone suddenly with a hand, especially in a violent way

synonym: clutch, snatch, grasp

(1) **grab** an audience, (2) **grab** an opportunity

Shall we **grab** a bite to eat?

specific

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

synonym: particular, definite, distinct

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

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

incorporate

v. to include something as a part of a larger entity

synonym: contain, integrate, amalgamate

(1) **incorporate** the current trends, (2) **incorporate**

technology into daily life

We will attempt to **incorporate** some of your suggestions into our future strategy.

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.

receptor

n. an organ having nerve endings that respond to stimulation such as heat or cold and makes the body react in a particular way

(1) cellular **receptor**, (2) **receptor** for HIV in humans

Hay fever occurs when a substance called histamine binds to **receptors** in the nose and eyes.

toxic

adj. of or relating to or caused by a poison; poisonous

synonym: poisonous, harmful, contaminated

(1) **toxic** molecule, (2) exposure to **toxic** chemicals

This chemical compound is a thousand-fold more **toxic**.

variant

n. something that is slightly different from others of the same type

synonym: variation, modification, variance

(1) **variant** types of pigeon, (2) a **variant** of the same word
The first **variant** of the virus appeared in less than a month.

interact

v. to communicate or react with somebody

synonym: cooperate, combine, collaborate

(1) **interact** directly with customers, (2) **interact** with one another

He should **interact** more with his colleagues.

shield

n. a protective covering or structure, especially in the past, that soldiers held in front of their bodies to protect themselves

synonym: guard, protection, safeguard

(1) a heat **shield**, (2) a **shield** for protecting against a bullet
Lead is an effective **shield** against X-rays, gamma rays, and other harmful radiation.

umbrella

n. a device consisting of a circular canopy of cloth on a central pole used as protection against rain or sometimes against the sun

synonym: parasol, canopy, sunshade

(1) **umbrella** coverage, (2) **umbrella** ban

She opened her **umbrella** to protect herself from the rain.

doe

n. a mature female of mammals of which the male is called a buck, such as a deer or a rabbit

synonym: rabbit, bunny, hare

(1) **doe** rabbit, (2) buck and **doe**

Hunters use a whistle that makes the **doe** sound to lure stags.

cancer

n. abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells

synonym : tumor, carcinoma, malignancy

(1) **cancer** diagnosis, (2) **cancer** research

Breast **cancer** is the most common type of cancer in women.

spill

v. to cause or allow liquid to run or flow over the edge of its container by accident

synonym : slop, drop, scatter

(1) **spill** a bit of wine, (2) **spill** my heart

He was determined to **spill** everything.

dump

v. to deposit or dispose of something, such as trash, waste, etc., carelessly or hurriedly

synonym : throw away, dispose

(1) **dump** the gravel on the road, (2) **dump** hazardous waste

The company **dumped** him after several years of service.

gallon

n. a unit for measuring volume, in the US, it is equal to about 3.79 liters, and in the UK, Canada, and other countries, it is equal to about 4.55 liters

(1) 5- **gallon** square can, (2) ten- **gallon** hat

The imperial **gallon** was standardized legally by the British Empire.

scary

adj. causing fear or fright; frightening; intimidating

synonym : terrifying, frightening, alarming

(1) **scary** dream, (2) **scary** story

The horror movie was so **scary** that I couldn't watch it alone.

dinosaur

n. a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin

synonym : reptile, beast, monster

(1) hulking **dinosaur**, (2) **dinosaur** fossil

The discovery of a new **dinosaur** species made headlines in

the scientific community.

survive

v. to live or exist despite a dangerous event or period
synonym: endure, persist, stay

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

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

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.

precursor

n. a person or thing that comes before another of the same kind and that contributes to or influences its growth
synonym: antecedent, forerunner, herald

(1) **precursor** cell, (2) **precursor** to serotonin

Sulfur dioxide and nitrogen oxides are the primary **precursors** of acid rain.

deploy

v. to move troops or weapons into a position or military action; to bring into something in an effective way
synonym: set up, expand, launch

(1) **deploy** troops for battle, (2) **deploy** safety measures

This country **deployed** its weapons in the east region.

intention

n. something you want to do and are going to do
synonym: purpose, connotation, will

(1) **intention** behind his decision, (2) clear **intention**

Our CEO's **intentions** are always transparent and straightforward.

starve

v. to suffer or die from lack of food; to cause someone or something to suffer or die from lack of food; to deprive something of necessary nourishment or sustenance
synonym: famish, hunger

(1) **starve** for a victory, (2) **starve** to death

If you don't eat soon, you're going to **starve**.

disappear

v. to cease to exist or be visible

synonym : fade, evaporate, vanish

(1) **disappear** without a trace, (2) **disappear** after a week

They watched the train **disappear** into the distance.

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.

glow

v. to give out a steady, strong light

synonym : shine, radiate, beam

(1) **glow** a pale orange, (2) **glow** gold in the light

The sun was setting, and the sky **glowed** with beautiful colors.

jellyfish

n. a marine creature with a soft, jelly-like body and tentacles for stinging

synonym : medusa, sea nettle, moon jelly

(1) spineless **jellyfish**, (2) **jellyfish** sting

The beach was filled with hundreds of **jellyfish**, so swimming was not recommended.

worm

n. a long, thin creature with a soft and long cylindrical tube-like body, no limbs, and a lack of eyes

(1) wiggly **worms**, (2) can of **worms**

Worms help dispose of the food waste produced by humans.

implication

n. something that is inferred or indirectly stated; the act or fact of being involved in something

synonym : suggestion, association, conclusion

(1) the **implication** in a crime, (2) the **implication** of a word

His poem has a very significant **implication**.

possibility

n. a chance that something may happen or be true
synonym : chance, prospect, likelihood

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

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

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.

assume

v. to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance

synonym : guess, presume, suppose

(1) **assume** a lousy attitude to his boss, (2) **assume** an important role

The following example **assumes** that the capacity of each battery is the same.

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.

absolutely

adv. without restriction or limitation; completely or utterly
synonym : completely, utterly, definitely

(1) **absolutely** against, (2) **absolutely** obsessed with the girl

I am **absolutely** opposed to his idea because of morality.

mention

v. to speak or write about something or someone briefly
synonym: reference, allude, cite

(1) **mention** name, (2) **mention** in a report

I **mentioned** to him that I had seen his sister at the grocery store earlier that day.

prejudice

n. a thought or feeling that is unfair and makes no sense, mainly when it is formed without enough thought or knowledge

synonym: bias, preconception, predisposition

(1) deep-rooted **prejudice**, (2) color **prejudice**

This community is free of social **prejudice**.

optimal

adj. the best; most likely to be successful or advantageous

synonym: optimum, desirable, favorable

(1) achieve **optimal** health, (2) **optimal** for intellectual growth

Wild animals need to go forward with the **optimal** action to survive.

physics

n. the science of matter and energy and their interactions

(1) nuclear **physics**, (2) laws of **physics**

He studied the **physics** of radiation.

magic

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

synonym: fascination, illusion, wizardry

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

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

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**.

obsession

n. the state in which a person's mind is filled with thoughts of one single object or particular person

synonym: compulsion, fixation, enthusiasm

(1) **obsession** with character, (2) national **obsession**
Gambling became an **obsession** for him, and he eventually lost everything.

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.

parochial

adj. related to or characteristic of a small or narrow-minded community, often referring to a geographic location or mindset; having limited or narrow knowledge or experience of the world outside one's immediate surroundings

synonym: narrow-minded, insular, provincial

(1) **parochial** views, (2) **parochial** community
The **parochial** attitude of the small town made it difficult for outsiders to feel welcome.

boggle

v. to be overwhelmed or surprised by something; to hesitate or be uncertain about something; to cause someone to feel overwhelmed or surprised

synonym: hesitate, stagger, bewilder

(1) **boggle** the imagination, (2) **boggle** at the price
The complexity of the situation can **boggle** the mind.

Session 2: Spelling

- | | |
|------------------------------------|--|
| 1. al__e biofuel | <i>n.</i> A simple plant that grows in or near water and lacks typical leaves and roots |
| 2. ex____ng football player | <i>adj.</i> causing a lot of interest or excitement |
| 3. me____n name | <i>v.</i> to speak or write about something or someone briefly |
| 4. di____es patient | <i>n.</i> a medical condition in which the body cannot produce enough insulin to control the glucose levels in the blood |
| 5. ca_____te selection | <i>n.</i> a person who is seeking or being considered for some kind of position, title, honor, or award; a job applicant |
| 6. a per_____ve view | <i>n.</i> a confident attitude toward something; a particular style of thinking about something |
| 7. pr_____or to serotonin | <i>n.</i> a person or thing that comes before another of the same kind and that contributes to or influences its growth |
| 8. d__p hazardous waste | <i>v.</i> to deposit or dispose of something, such as trash, waste, etc., carelessly or hurriedly |
| 9. de___t smuggling across borders | <i>v.</i> to find or recognize something, especially something difficult to see, hear, etc. |
| 10. national ob_____on | <i>n.</i> the state in which a person's mind is filled with thoughts of one single object or particular person |

ANSWERS: 1. algae, 2. exciting, 3. mention, 4. diabetes, 5. candidate, 6. perspective, 7. precursor, 8. dump, 9. detect, 10. obsession

- | | |
|--------------------------------------|---|
| 11. me_____al chemistry | <i>adj.</i> of or relating to the treatment or cure of disease |
| 12. a man of pr_____ty | <i>n.</i> a thing or things that belong to someone |
| 13. ex____d agricultural output | <i>v.</i> to increase or to make something greater in size, number, or importance |
| 14. je_____sh sting | <i>n.</i> a marine creature with a soft, jelly-like body and tentacles for stinging |
| 15. have ge_____c testing | <i>adj.</i> of or relating to genes (= parts of the DNA in cells) or the science of genes |
| 16. a br__d mind | <i>adj.</i> very wide; general |
| 17. de_____e environmental quality | <i>v.</i> to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others |
| 18. imp_____ce with delays | <i>n.</i> a feeling of restlessness or irritation caused by a desire for something to happen or be done more quickly; lack of patience |
| 19. pos_____ty of a major earthquake | <i>n.</i> a chance that something may happen or be true |
| 20. com_____ty theory | <i>n.</i> the state or quality of being complicated or intricate and difficult to understand |
| 21. chaotic env_____nt | <i>n.</i> the natural world such as air, water, and land in which humans, animals, and plants live |
| 22. man_____re an enzyme | <i>v.</i> to make goods in large numbers, usually in a factory using machines |

ANSWERS: 11. medicinal, 12. property, 13. expand, 14. jellyfish, 15. genetic, 16. broad, 17. degrade, 18. impatience, 19. possibility, 20. complexity, 21. environment, 22. manufacture

23. a com_____ed process *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
24. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
25. ob_____on with character *n.* the state in which a person's mind is filled with thoughts of one single object or particular person
26. 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
27. blue al__e *n.* A simple plant that grows in or near water and lacks typical leaves and roots
28. exposure to to__c chemicals *adj.* of or relating to or caused by a poison; poisonous
29. pathogenic ba_____ia *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
30. attract br__d attention *adj.* very wide; general
31. gr_____te degree program *n.* a person who has a first degree from university or college; (verb) to complete the first course of university or college and get a degree
32. es_____ic tome *adj.* intended for or likely to be understood by only a small number of people with specialized knowledge or interest

ANSWERS: 23. complicated, 24. environment, 25. obsession, 26. reproduce, 27. algae, 28. toxic, 29. bacteria, 30. broad, 31. graduate, 32. esoteric

33. a ra_____l cure *adj.* relating to the essential aspects of anything; far beyond the norm, mainly used of opinions and actions
34. a person of di_____e talents *adj.* including numerous categories of individuals or entities; various
35. sp_____ic instructions *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
36. pa_____al views *adj.* related to or characteristic of a small or narrow-minded community, often referring to a geographic location or mindset; having limited or narrow knowledge or experience of the world outside one's immediate surroundings
37. voc_____ry list *n.* the words used by a language, group, or individual; the knowledge and understanding of words and their meanings that a person possesses
38. an es_____ic religion *adj.* intended for or likely to be understood by only a small number of people with specialized knowledge or interest
39. ad_____on of vectors *n.* the act or process of adding something to something else; the process of adding numbers
40. pr_____or cell *n.* a person or thing that comes before another of the same kind and that contributes to or influences its growth
41. retie the st_____g and make it strong *n.* long, thin material used for tying things together, composed of several twisted threads

ANSWERS: 33. radical, 34. diverse, 35. specific, 36. parochial, 37. vocabulary, 38. esoteric, 39. addition, 40. precursor, 41. string

42. in___t under the skin *v.* to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)
43. ex_____e the issue *v.* to study or consider a person or object attentively and thoroughly to learn something about them
44. fleshly de___e *n.* a strong feeling of wanting to have or do something
45. di___e the cake into two pieces *v.* to separate or cause to separate into parts or groups
46. fun_____al education *adj.* forming an essential base or core from which everything else develops or is affected
47. a political rev_____on *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
48. inc_____te the current trends *v.* to include something as a part of a larger entity
49. academic voc_____ry *n.* the words used by a language, group, or individual; the knowledge and understanding of words and their meanings that a person possesses
50. co___r honor *v.* to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something
51. 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

ANSWERS: 42. inject, 43. examine, 44. desire, 45. divide, 46. fundamental, 47. revolution, 48. incorporate, 49. vocabulary, 50. confer, 51. develop

52. d__p the gravel on the road *v.* to deposit or dispose of something, such as trash, waste, etc., carelessly or hurriedly
53. abs_____ly obsessed with the girl *adv.* without restriction or limitation; completely or utterly
54. the per_____ve of the battle *n.* a confident attitude toward something; a particular style of thinking about something
55. syn_____ze information *v.* to combine a substance to make a more complex product or compound
56. re_____te data *v.* to make an exact copy of something; to repeat a process or experiment to confirm the results
57. di_____e prevention *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
58. field of fun_____al medicine *adj.* designed for or capable of a particular activity, purpose, or task; practical or ready for use or service
59. self-int_____ion *n.* a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market
60. tracking de_____e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

ANSWERS: 52. dump, 53. absolutely, 54. perspective, 55. synthesize, 56. replicate, 57. disease, 58. functional, 59. introduction, 60. device

61. rem_____le achievement *adj.* worthy of attention because unusual or special
62. me_____n in a report *v.* to speak or write about something or someone briefly
63. op_____ze a process *v.* to make the best or most effective use of something
64. at____h firmly *v.* to fasten, join, or connect one thing to another
65. 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
66. st____e for a victory *v.* to suffer or die from lack of food; to cause someone or something to suffer or die from lack of food; to deprive something of necessary nourishment or sustenance
67. cultural n____m *n.* something that is regarded as usual, typical, or standard
68. to__c molecule *adj.* of or relating to or caused by a poison; poisonous
69. ca____r research *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells
70. um_____la ban *n.* a device consisting of a circular canopy of cloth on a central pole used as protection against rain or sometimes against the sun

ANSWERS: 61. remarkable, 62. mention, 63. optimize, 64. attach, 65. reproduce, 66. starve, 67. norm, 68. toxic, 69. cancer, 70. umbrella

71. tense piano st___gs *n.* long, thin material used for tying things together, composed of several twisted threads
72. pr_____n synthesis *n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
73. con_____al art *adj.* related to or founded on ideas, principles
74. fun_____al rights *adj.* forming an essential base or core from which everything else develops or is affected
75. g__b an opportunity *v.* to take hold of something or someone suddenly with a hand, especially in a violent way
76. sp__l my heart *v.* to cause or allow liquid to run or flow over the edge of its container by accident
77. in_____ct with one another *v.* to communicate or react with somebody
78. el_____te contestants *v.* to remove or get rid of someone or something
79. toxic ch_____als *adj.* relating to or connected with chemistry;
80. medical l_b *n.* a workplace for the conduct of scientific research; a laboratory
81. 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

ANSWERS: 71. string, 72. protein, 73. conceptual, 74. fundamental, 75. grab, 76. spill, 77. interact, 78. eliminate, 79. chemical, 80. lab, 81. universe

82. an op_____ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
83. the di_____ty policy of the university *n.* the quality or fact of many different types of things or people being included in something; a range of different things or people
84. the worst hum_____de disaster *adj.* created or produced by humans; artificial
85. a ge_____c disorder *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
86. mo_____le behavior *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
87. re_____ve factors *adj.* considered and evaluated through comparison with something else
88. face inc_____gly complicated challenges *adv.* more and more
89. a ra_____l flaw in the plan *adj.* relating to the essential aspects of anything; far beyond the norm, mainly used of opinions and actions
90. development of in_____n resistance *n.* a hormone produced in the pancreas that controls the amount of sugar in the blood, or a similar artificial substance used for the treatment of diabetes
91. ca_____r diagnosis *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells

ANSWERS: 82. opportune, 83. diversity, 84. human-made, 85. genetic, 86. molecule, 87. relative, 88. increasingly, 89. radical, 90. insulin, 91. cancer

92. mo_____ar structure *adj.* of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)
93. cell and molecular bi_____y *n.* the scientific study of life and the natural processes of living things
94. a va_____t of the same word *n.* something that is slightly different from others of the same type
95. de____y safety measures *v.* to move troops or weapons into a position or military action; to bring into something in an effective way
96. a pro_____ve smile *adj.* arousing anger, interest, or another strong reaction, especially deliberately
97. juvenile di_____es *n.* a medical condition in which the body cannot produce enough insulin to control the glucose levels in the blood
98. am__o compound *n.* compounds and functional groups that contain a basic nitrogen atom with a lone pair (NH₂) that combine to make protein
99. understand his mot_____on *n.* the reason or enthusiasm for acting or behaving in a particular way
100. abs_____ly against *adv.* without restriction or limitation; completely or utterly
101. op_____ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
102. the imp_____on in a crime *n.* something that is inferred or indirectly stated; the act or fact of being involved in something

ANSWERS: 92. molecular, 93. biology, 94. variant, 95. deploy, 96. provocative, 97. diabetes, 98. amino, 99. motivation, 100. absolutely, 101. opportune, 102. implication

103. clear in_____on *n.* something you want to do and are going to do
104. sc__y dream *adj.* causing fear or fright; frightening; intimidating
105. without in____y *n.* harm done to a person's or an animal's body caused by an accident or an attack
106. business imp_____ce *n.* a feeling of restlessness or irritation caused by a desire for something to happen or be done more quickly; lack of patience
107. bo___e the imagination *v.* to be overwhelmed or surprised by something; to hesitate or be uncertain about something; to cause someone to feel overwhelmed or surprised
108. in_____et a graph *v.* to explain or assign the meaning of information, actions, etc.
109. designed spe_____lly for men *adv.* only associated with or meant for one thing
110. pa_____al community *adj.* related to or characteristic of a small or narrow-minded community, often referring to a geographic location or mindset; having limited or narrow knowledge or experience of the world outside one's immediate surroundings
111. have a st___e job *adj.* firm and steady; not easily moved, disturbed, or changed
112. ev___e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually

ANSWERS: 103. intention, 104. scary, 105. injury, 106. impatience, 107. boggle, 108. interpret, 109. specifically, 110. parochial, 111. stable, 112. evolve

113. va_____t types of pigeon *n.* something that is slightly different from others of the same type
114. di_____e money equally *v.* to separate or cause to separate into parts or groups
115. nuclear ph_____s *n.* the science of matter and energy and their interactions
116. ex_____ng news *adj.* causing a lot of interest or excitement
117. 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
118. op_____l for intellectual growth *adj.* the best; most likely to be successful or advantageous
119. op_____ze control for cooling *v.* to make the best or most effective use of something
120. wiggly w__ms *n.* a long, thin creature with a soft and long cylindrical tube-like body, no limbs, and a lack of eyes
121. in_____te a lawsuit *n.* an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something
122. an al_____et of manual signs *n.* a character set that includes letters and is used to write a language
123. sy_____ic fiber *adj.* made by combining chemical substances as opposed to being naturally occurring

ANSWERS: 113. variant, 114. divide, 115. physics, 116. exciting, 117. refer, 118. optimal, 119. optimize, 120. worm, 121. institute, 122. alphabet, 123. synthetic

124. co_____e chemically with another substance *v.* to join or merge to form a single thing or group
125. a ma__c spell *n.* beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers
126. for spe_____lly American customers *adv.* only associated with or meant for one thing
127. st___e to death *v.* to suffer or die from lack of food; to cause someone or something to suffer or die from lack of food; to deprive something of necessary nourishment or sustenance
128. syn_____ze molecules *v.* to combine a substance to make a more complex product or compound
129. co_____e augmented reality *v.* to join or merge to form a single thing or group
130. n__m of action *n.* something that is regarded as usual, typical, or standard
131. chemical pr_____ty *n.* a thing or things that belong to someone
132. inc_____te technology into daily life *v.* to include something as a part of a larger entity
133. human ev_____on *n.* a gradual process of transformation of living things
134. pos_____ty for growth *n.* a chance that something may happen or be true
135. di_____ar after a week *v.* to cease to exist or be visible

ANSWERS: 124. combine, 125. magic, 126. specifically, 127. starve, 128. synthesize, 129. combine, 130. norm, 131. property, 132. incorporate, 133. evolution, 134. possibility, 135. disappear

136. inc_____gly become common *adv.* more and more
137. di_____e backgrounds *adj.* including numerous categories of individuals or entities; various
138. di_____ar without a trace *v.* to cease to exist or be visible
139. as_____e a lousy attitude to his boss *v.* to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance
140. man_____re a product *v.* to make goods in large numbers, usually in a factory using machines
141. int_____ion education *n.* a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market
142. 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
143. spineless je_____sh *n.* a marine creature with a soft, jelly-like body and tentacles for stinging
144. fu_____on properly *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

ANSWERS: 136. increasingly, 137. diverse, 138. disappear, 139. assume, 140. manufacture, 141. introduction, 142. compound, 143. jellyfish, 144. function

145. re____or for HIV in humans *n.* an organ having nerve endings that respond to stimulation such as heat or cold and makes the body react in a particular way
146. co____r degree *v.* to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something
147. stress pr____n *n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
148. as____e an important role *v.* to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance
149. in____ct directly with customers *v.* to communicate or react with somebody
150. d_e rabbit *n.* a mature female of mammals of which the male is called a buck, such as a deer or a rabbit
151. traditional me____al *adj.* of or relating to the treatment or cure of disease
152. harmless ba____ia *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
153. 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: 145. receptor, 146. confer, 147. protein, 148. assume, 149. interact, 150. doe, 151. medicinal, 152. bacteria, 153. planet

154. ev_____on theory *n.* a gradual process of transformation of living things
155. de_____e his public image *v.* to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others
156. sp___l a bit of wine *v.* to cause or allow liquid to run or flow over the edge of its container by accident
157. mo_____ar biology *adj.* of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)
158. ev___e *v.* to develop gradually, or to cause the development of something or someone gradually
159. daily in_____n dose *n.* a hormone produced in the pancreas that controls the amount of sugar in the blood, or a similar artificial substance used for the treatment of diabetes
160. 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
161. ro_____ly scheduled maintenance *adv.* on a regular or habitual basis; in a manner that is customary or expected
162. eve_____ly become obsolete *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on

ANSWERS: 154. evolution, 155. degrade, 156. spill, 157. molecular, 158. evolve, 159. insulin, 160. develop, 161. routinely, 162. eventually

163. lingual di_____ty *n.* the quality or fact of many different types of things or people being included in something; a range of different things or people
164. 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
165. hulking di_____ur *n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin
166. the imp_____on of a word *n.* something that is inferred or indirectly stated; the act or fact of being involved in something
167. re_____te the cell *v.* to make an exact copy of something; to repeat a process or experiment to confirm the results
168. g__b an audience *v.* to take hold of something or someone suddenly with a hand, especially in a violent way
169. mot_____on for a change *n.* the reason or enthusiasm for acting or behaving in a particular way
170. 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
171. 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

ANSWERS: 163. diversity, 164. compound, 165. dinosaur, 166. implication, 167. replicate, 168. grab, 169. motivation, 170. planet, 171. universe

172. sc__y story *adj.* causing fear or fright; frightening; intimidating
173. 5-ga___n square can *n.* a unit for measuring volume, in the US, it is equal to about 3.79 liters, and in the UK, Canada, and other countries, it is equal to about 4.55 liters
174. deep-rooted pr_____ce *n.* a thought or feeling that is unfair and makes no sense, mainly when it is formed without enough thought or knowledge
175. in_____et the question *v.* to explain or assign the meaning of information, actions, etc.
176. color pr_____ce *n.* a thought or feeling that is unfair and makes no sense, mainly when it is formed without enough thought or knowledge
177. can of w__ms *n.* a long, thin creature with a soft and long cylindrical tube-like body, no limbs, and a lack of eyes
178. sy_____ic fertilizer *adj.* made by combining chemical substances as opposed to being naturally occurring
179. 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
180. su_____e a blizzard *v.* to live or exist despite a dangerous event or period
181. g__w gold in the light *v.* to give out a steady, strong light

ANSWERS: 172. scary, 173. gallon, 174. prejudice, 175. interpret, 176. prejudice, 177. worm, 178. synthetic, 179. refer, 180. survive, 181. glow

182. a remote re____ve *adj.* considered and evaluated through comparison with something else
183. ro_____ly check *adv.* on a regular or habitual basis; in a manner that is customary or expected
184. industry-sp_____ic regulations *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
185. the rem_____le breadth of knowledge *adj.* worthy of attention because unusual or special
186. pro_____ve questions *adj.* arousing anger, interest, or another strong reaction, especially deliberately
187. a heat sh____d *n.* a protective covering or structure, especially in the past, that soldiers held in front of their bodies to protect themselves
188. cognitive com_____ty *n.* the state or quality of being complicated or intricate and difficult to understand
189. g__w a pale orange *v.* to give out a steady, strong light
190. l_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
191. in____t a personal opinion into a debate *v.* to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)
192. 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

ANSWERS: 182. relative, 183. routinely, 184. specific, 185. remarkable, 186. provocative, 187. shield, 188. complexity, 189. glow, 190. lab, 191. inject, 192. tube

193. a fatal in___y *n.* harm done to a person's or an animal's body caused by an accident or an attack
194. honor gr____te *n.* a person who has a first degree from university or college; (verb) to complete the first course of university or college and get a degree
195. a ch____al compound *adj.* relating to or connected with chemistry;
196. in st___e condition *adj.* firm and steady; not easily moved, disturbed, or changed
197. 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
198. the st____re of a machine *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
199. beginning of the industrial rev____on *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
200. at___h a file to an e-mail *v.* to fasten, join, or connect one thing to another
201. professor of ch____ry *n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions
202. chemical ad____on *n.* the act or process of adding something to something else; the process of adding numbers

ANSWERS: 193. injury, 194. graduate, 195. chemical, 196. stable, 197. recognize, 198. structure, 199. revolution, 200. attach, 201. chemistry, 202. addition

203. el_____te sexual barriers *v.* to remove or get rid of someone or something
204. de___t a bad event *v.* to find or recognize something, especially something difficult to see, hear, etc.
205. buck and d_e *n.* a mature female of mammals of which the male is called a buck, such as a deer or a rabbit
206. an a__d reaction *n.* sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials
207. the ch_____ry of soil *n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions
208. new con_____al framework *adj.* related to or founded on ideas, principles
209. imm_____ly recall a product *adv.* now or without delay
210. gain pr_____al experience *adj.* of or connected with actual use or real situation rather than with theory and ideas
211. research in_____tes *n.* an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something
212. sc__w the cap *v.* to turn something, such as a bolt, with a driver or wrench to tighten or loosen it; (noun) a cylindrical rod with a helical ridge used to fasten things together

ANSWERS: 203. eliminate, 204. detect, 205. doe, 206. acid, 207. chemistry, 208. conceptual, 209. immediately, 210. practical, 211. institute, 212. screw

213. a female sc__w
v. to turn something, such as a bolt, with a driver or wrench to tighten or loosen it; (noun) a cylindrical rod with a helical ridge used to fasten things together
214. re_____ze achievement
v. to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
215. cellular re____or
n. an organ having nerve endings that respond to stimulation such as heat or cold and makes the body react in a particular way
216. electronic de___e
n. a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
217. unsatisfied de___e
n. a strong feeling of wanting to have or do something
218. su_____e a plane crash
v. to live or exist despite a dangerous event or period
219. write him an answer imm_____ly
adv. now or without delay
220. she is ma__c
n. beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers
221. eve_____ly succeed
adv. finally, particularly after a long time or a lot of struggle, complications, and so on
222. ten-ga___n hat
n. a unit for measuring volume, in the US, it is equal to about 3.79 liters, and in the UK, Canada, and other countries, it is equal to about 4.55 liters

ANSWERS: 213. screw, 214. recognize, 215. receptor, 216. device, 217. desire, 218. survive, 219. immediately, 220. magic, 221. eventually, 222. gallon

223. ex___d a lineup *v.* to increase or to make something greater in size, number, or importance
224. laws of ph____s *n.* the science of matter and energy and their interactions
225. fun_____al deafness *adj.* designed for or capable of a particular activity, purpose, or task; practical or ready for use or service
226. di_____ur fossil *n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin
227. become increasingly com_____ed *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
228. good source of essential amino a__ds *n.* sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials
229. in_____on behind his decision *n.* something you want to do and are going to do
230. am__o acid *n.* compounds and functional groups that contain a basic nitrogen atom with a lone pair (NH₂) that combine to make protein
231. di_____e control *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
232. letters of an al_____et *n.* a character set that includes letters and is used to write a language

ANSWERS: 223. expand, 224. physics, 225. functional, 226. dinosaur, 227. complicated, 228. acid, 229. intention, 230. amino, 231. disease, 232. alphabet

233. de___y troops for battle *v.* to move troops or weapons into a position or military action; to bring into something in an effective way
234. bo___e at the price *v.* to be overwhelmed or surprised by something; to hesitate or be uncertain about something; to cause someone to feel overwhelmed or surprised
235. small mo____les *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
236. evolutionary bi____y *n.* the scientific study of life and the natural processes of living things
237. 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
238. um____la coverage *n.* a device consisting of a circular canopy of cloth on a central pole used as protection against rain or sometimes against the sun
239. a sh___d for protecting against a bullet *n.* a protective covering or structure, especially in the past, that soldiers held in front of their bodies to protect themselves
240. pr____al English *adj.* of or connected with actual use or real situation rather than with theory and ideas
241. immune fu____on *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

ANSWERS: 233. deploy, 234. boggle, 235. molecule, 236. biology, 237. tube, 238.

umbrella, 239. shield, 240. practical, 241. function

242. ex_____e the data studiously *v.* to study or consider a person or object attentively and thoroughly to learn something about them
243. achieve op_____l health *adj.* the best; most likely to be successful or advantageous
244. hum_____de climate change *adj.* created or produced by humans; artificial
245. PhD ca_____te *n.* a person who is seeking or being considered for some kind of position, title, honor, or award; a job applicant
246. 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

ANSWERS: 242. examine, 243. optimal, 244. human-made, 245. candidate, 246. structure

Session 3: Fill in the Blanks

1. Eyeless fish _____ in dark caves.
 - v. to develop gradually, or to cause the development of something or someone gradually

2. Sulfur dioxide and nitrogen oxides are the primary _____ of acid rain.
 - n. a person or thing that comes before another of the same kind and that contributes to or influences its growth

3. She wore a _____ of pearls around her neck.
 - n. long, thin material used for tying things together, composed of several twisted threads

4. These birds can only _____ in temperate climates.
 - v. to live or exist despite a dangerous event or period

5. The _____ platform focused on healthcare reform and reducing income inequality.
 - n. a person who is seeking or being considered for some kind of position, title, honor, or award; a job applicant

6. Wild animals need to go forward with the _____ action to survive.
 - adj. the best; most likely to be successful or advantageous

7. Many employers hire _____ trainees to train as managers.
 - n. a person who has a first degree from university or college; (verb) to complete the first course of university or college and get a degree

ANSWERS: 1. evolved, 2. precursors, 3. string, 4. survive, 5. candidate's, 6. optimal, 7. graduate

8. His father's death changed his whole _____ on life.
n. a confident attitude toward something; a particular style of thinking about something
9. We can _____ this possibility from those consumptions.
v. to remove or get rid of someone or something
10. The majority of synthetic vitamins are _____ from oil.
v. to make goods in large numbers, usually in a factory using machines
11. He did _____ pen-and-ink drawings in just a few days.
adj. involving a lot of different things or parts in a way that is difficult to understand or analyze
12. 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
13. The leaders of the two countries met to _____ on the issue.
v. to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something
14. He was impressed by the range and _____ of the collection.
n. the quality or fact of many different types of things or people being included in something; a range of different things or people
15. Using proper _____ is essential for writing a good essay.
n. the words used by a language, group, or individual; the knowledge and understanding of words and their meanings that a person possesses

ANSWERS: 8. perspective, 9. eliminate, 10. manufactured, 11. complicated, 12. universe, 13. confer, 14. diversity, 15. vocabulary

16. They _____ conduct fire drills to ensure everyone in the building knows what to do in an emergency.

adv. on a regular or habitual basis; in a manner that is customary or expected

17. The sun was setting, and the sky _____ with beautiful colors.

v. to give out a steady, strong light

18. The security camera has _____ four intruders.

v. to find or recognize something, especially something difficult to see, hear, etc.

19. This community is free of social _____.

n. a thought or feeling that is unfair and makes no sense, mainly when it is formed without enough thought or knowledge

20. The _____ by the citizen resulted in a redistribution of wealth.

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

21. The corporation _____ dominated the entire tobacco business.

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

22. This region has many _____ offering higher education.

n. an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something

23. 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

ANSWERS: 16. routinely, 17. glowed, 18. detected, 19. prejudice, 20. revolution, 21. eventually, 22. institutes, 23. reproduce

24. They study the _____ of the universe.

n. a gradual process of transformation of living things

25. This country _____ its weapons in the east region.

v. to move troops or weapons into a position or military action; to bring into something in an effective way

26. Different people might _____ this news differently.

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

27. Let's try to _____ a bit of enthusiasm into your performance.

v. to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)

28. _____ weight is the sum of all the atoms.

adj. of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)

29. He should _____ more with his colleagues.

v. to communicate or react with somebody

30. The doctor diagnosed him with a rare _____ that had no known cure.

n. a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems

31. Mercury is the closest _____ to the sun.

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

ANSWERS: 24. evolution, 25. deployed, 26. interpret, 27. inject, 28. Molecular, 29. interact, 30. disease, 31. planet

32. He was determined to _____ everything.

v. to cause or allow liquid to run or flow over the edge of its container by accident

33. The _____ attitude of the small town made it difficult for outsiders to feel welcome.

adj. related to or characteristic of a small or narrow-minded community, often referring to a geographic location or mindset; having limited or narrow knowledge or experience of the world outside one's immediate surroundings

34. This company was granted a patent for its _____ resin manufacturing process.

n. compounds and functional groups that contain a basic nitrogen atom with a lone pair (NH₂) that combine to make protein

35. The brain is an incredibly complex organ that controls the body's _____.

n. the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

36. They hope to _____ their business worldwide.

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

37. In _____ private corporations provide healthcare services.

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

38. The scientist conducted a study that provided _____ details about the species' behavior.

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

ANSWERS: 32. spill, 33. parochial, 34. amino, 35. function, 36. expand, 37. addition, 38. specific

39. He has absolutely no _____ comprehension of maths.

adj. related to or founded on ideas, principles

40. 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

41. The findings of the experiment were both _____ and unexpected.

adj. causing a lot of interest or excitement

42. I am _____ opposed to his idea because of morality.

adv. without restriction or limitation; completely or utterly

43. During pregnancy, the stomach generates less _____ than usual.

n. sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials

44. Human behavior has _____ characteristics.

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

45. The horror movie was so _____ that I couldn't watch it alone.

adj. causing fear or fright; frightening; intimidating

46. My accidental _____ got better right away.

n. harm done to a person's or an animal's body caused by an accident or an attack

ANSWERS: 39. conceptual, 40. molecule, 41. exciting, 42. absolutely, 43. acid, 44. fundamental, 45. scary, 46. injury

47. Gambling became an _____ for him, and he eventually lost everything.
n. the state in which a person's mind is filled with thoughts of one single object or particular person
48. 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
49. I always carry a backup _____ in case my phone runs out of battery.
n. a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
50. He studied the _____ of radiation.
n. the science of matter and energy and their interactions
51. His poem has a very significant _____.
n. something that is inferred or indirectly stated; the act or fact of being involved in something
52. 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
53. They watched the train _____ into the distance.
v. to cease to exist or be visible
54. He had an _____ shock after drinking large quantities of fruit juices.
n. a hormone produced in the pancreas that controls the amount of sugar in the blood, or a similar artificial substance used for the treatment of diabetes

ANSWERS: 47. obsession, 48. structure, 49. device, 50. physics, 51. implication, 52. tube, 53. disappear, 54. insulin

55. The phone rang at the most _____ time.

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

56. _____ has jammed the inlet to the water turbine.

n. A simple plant that grows in or near water and lacks typical leaves and roots

57. The complexity of the situation can _____ the mind.

v. to be overwhelmed or surprised by something; to hesitate or be uncertain about something; to cause someone to feel overwhelmed or surprised

58. _____ prevalent in hospitals are often resistant to antibiotics.

n. single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease

59. Our CEO's _____ are always transparent and straightforward.

n. something you want to do and are going to do

60. The _____ properties of this herb have been known to help with various ailments.

adj. of or relating to the treatment or cure of disease

61. Initially, we must _____ all project-related expenses.

v. to study or consider a person or object attentively and thoroughly to learn something about them

62. 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: 55. opportune, 56. Algae, 57. boggle, 58. Bacteria, 59. intentions, 60. medicinal, 61. examine, 62. replicated

63. This chemical compound is a thousand-fold more _____.

adj. of or relating to or caused by a poison; poisonous

64. Low sexual _____ typically correlates with low testosterone levels.

n. a strong feeling of wanting to have or do something

65. The doctor advised him to manage his _____ as stress could exacerbate his medical condition.

n. a feeling of restlessness or irritation caused by a desire for something to happen or be done more quickly; lack of patience

66. He stood to inherit a million-dollar _____.

n. a thing or things that belong to someone

67. The book's content was so _____ only a select few scholars could fully understand it.

adj. intended for or likely to be understood by only a small number of people with specialized knowledge or interest

68. A suspension order from the court is effective _____.

adv. now or without delay

69. The body needs a certain amount of _____ to build and repair tissues.

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

70. The imperial _____ was standardized legally by the British Empire.

n. a unit for measuring volume, in the US, it is equal to about 3.79 liters, and in the UK, Canada, and other countries, it is equal to about 4.55 liters

ANSWERS: 63. toxic, 64. desire, 65. impatience, 66. property, 67. esoteric, 68. immediately, 69. protein, 70. gallon

71. 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
72. The following example _____ that the capacity of each battery is the same.
v. to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance
73. The spider can _____ multiple different silk proteins.
v. to combine a substance to make a more complex product or compound
74. Hydrogen and oxygen _____ to form water.
v. to join or merge to form a single thing or group
75. Hunters use a whistle that makes the ____ sound to lure stags.
n. a mature female of mammals of which the male is called a buck, such as a deer or a rabbit
76. He is familiar with _____ and biology.
n. the branch of the natural sciences dealing with the composition of substances and their properties and reactions
77. 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
78. She opened her _____ to protect herself from the rain.
n. a device consisting of a circular canopy of cloth on a central pole used as protection against rain or sometimes against the sun

ANSWERS: 71. complexity, 72. assumes, 73. synthesize, 74. combine, 75. doe, 76. chemistry, 77. functional, 78. umbrella

79. Breast _____ is the most common type of cancer in women.
n. abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells
80. The Prime Minister will pay a courtesy visit to the Nobel laureate's _____.
n. a workplace for the conduct of scientific research; a laboratory
81. The systems we have developed has accepted as industry _____.
n. something that is regarded as usual, typical, or standard
82. My father was tested for _____.
n. a medical condition in which the body cannot produce enough insulin to control the glucose levels in the blood
83. New York is a city with a _____ ethnic population.
adj. including numerous categories of individuals or entities; various
84. 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
85. Understanding protein folding is a vital step in deciphering the _____ code.
adj. of or relating to genes (= parts of the DNA in cells) or the science of genes
86. The _____ of getting the disease will drastically increase.
n. a chance that something may happen or be true
87. _____ help dispose of the food waste produced by humans.
n. a long, thin creature with a soft and long cylindrical tube-like body, no limbs, and a lack of eyes

ANSWERS: 79. cancer, 80. lab, 81. norms, 82. diabetes, 83. diverse, 84. refer, 85. genetic, 86. possibility, 87. Worms

88. Hay fever occurs when a substance called histamine binds to _____ in the nose and eyes.
- n.* an organ having nerve endings that respond to stimulation such as heat or cold and makes the body react in a particular way
89. 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
90. We will attempt to _____ some of your suggestions into our future strategy.
- v.* to include something as a part of a larger entity
91. 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
92. If you don't eat soon, you're going to _____.
- v.* to suffer or die from lack of food; to cause someone or something to suffer or die from lack of food; to deprive something of necessary nourishment or sustenance
93. His _____ style frequently sparked controversies.
- adj.* arousing anger, interest, or another strong reaction, especially deliberately
94. Can you _____ 123321 by eleven?
- v.* to separate or cause to separate into parts or groups
95. The discovery of a new _____ species made headlines in the scientific community.
- n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin

ANSWERS: 88. receptors, 89. compound, 90. incorporate, 91. recognize, 92. starve, 93. provocative, 94. divide, 95. dinosaur

96. A significant amount of _____ is required to be a teacher.
n. the reason or enthusiasm for acting or behaving in a particular way
97. This ad campaign is aimed _____ at young women.
adv. only associated with or meant for one thing
98. Most countries prohibit sexual activity between certain close _____.
adj. considered and evaluated through comparison with something else
99. 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
100. The first _____ of the virus appeared in less than a month.
n. something that is slightly different from others of the same type
101. The firm has grown into a large _____ manufacturing.
adj. relating to or connected with chemistry;
102. The company _____ him after several years of service.
v. to deposit or dispose of something, such as trash, waste, etc., carelessly or hurriedly
103. The election was a _____ success for the Whigs.
adj. worthy of attention because unusual or special
104. He performed _____ tricks with sophisticated moves.
n. beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers

ANSWERS: 96. motivation, 97. specifically, 98. relatives, 99. develop, 100. variant, 101. chemical, 102. dumped, 103. remarkable, 104. magic

105. Relations between the two countries have been relatively _____ due to the summit meeting.
adj. firm and steady; not easily moved, disturbed, or changed
106. _____ diamonds play an essential role as machine tool blades.
adj. made by combining chemical substances as opposed to being naturally occurring
107. Lead is an effective _____ against X-rays, gamma rays, and other harmful radiation.
n. a protective covering or structure, especially in the past, that soldiers held in front of their bodies to protect themselves
108. Our company found it _____ difficult to keep up with the competition.
adv. more and more
109. The government established by the coup was more _____ than before.
adj. relating to the essential aspects of anything; far beyond the norm, mainly used of opinions and actions
110. He had to _____ the loose knob back onto the cabinet door.
v. to turn something, such as a bolt, with a driver or wrench to tighten or loosen it;
(noun) a cylindrical rod with a helical ridge used to fasten things together
111. He does not _____ importance to these rumors.
v. to fasten, join, or connect one thing to another
112. 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

ANSWERS: 105. stable, 106. Synthetic, 107. shield, 108. increasingly, 109. radical, 110. screw, 111. attach, 112. biology

113. You should not _____ yourself by allowing them to use you.

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

114. Shall we _____ a bite to eat?

- v.* to take hold of something or someone suddenly with a hand, especially in a violent way

115. The beach was filled with hundreds of _____ so swimming was not recommended.

- n.* a marine creature with a soft, jelly-like body and tentacles for stinging

116. I _____ to him that I had seen his sister at the grocery store earlier that day.

- v.* to speak or write about something or someone briefly

117. Her concept is highly _____ and helpful.

- adj.* of or connected with actual use or real situation rather than with theory and ideas

118. The essence of economics is to _____ the allocation of limited resources.

- v.* to make the best or most effective use of something

119. The _____ to the new class was informative and engaging.

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

120. He accumulated wealth across a _____ spectrum of assets.

- adj.* very wide; general

ANSWERS: 113. degrade, 114. grab, 115. jellyfish, 116. mentioned, 117. practical, 118. optimize, 119. introduction, 120. broad

121. The bridge is a _____ structure and was built to span the river.

adj. created or produced by humans; artificial

122. 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

123. He strove to memorize the Hebrew _____.

n. a character set that includes letters and is used to write a language

ANSWERS: 121. human-made, 122. environment, 123. alphabet