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Vocabulary Builder Reference from...

Kristin Poinar: What's hidden under the Greenland ice sheet? | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

physics

n. the science of matter and energy and their interactions
(1) nuclear **physics**, (2) laws of **physics**
He studied the **physics** of radiation.

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**.

glacier

n. a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole
synonym: iceberg, ice floe
(1) **glacier** retreat, (2) **glaciers** move tardily
The **glaciers** of the ice age have shaped Fjord.

repurpose

v. to use something again for a different purpose than it was originally intended
synonym: reutilize, recycle, reuse
(1) **repurpose** an old building, (2) **repurpose** a used car
The old barn was **repurposed** into a modern event space.

cargo

n. the goods carried by ship, aircraft, or other vehicles

synonym : shipment, freight, burden

(1) plenty of **cargo** space, (2) unload the **cargo**

During the war, many **cargo** ships were converted into battleships.

uncover

v. to remove the cover from something; to discover something previously unseen or hidden

synonym : disclose, reveal, unveil

(1) **uncover** a potential problem, (2) **uncover** the truth

He continued his investigation and soon **uncovered** another crime.

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.

static

adj. not moving or not capable of moving, not changing or not capable of changing

synonym : immobile, unchanging, fixed

(1) **static** electricity, (2) **static** website

The **static** image on the screen took a lot of work to make out.

downhill

adv. in a direction that is downward or from a higher to a lower point; in a progressively worse or deteriorating manner

synonym : downslope

(1) ski **downhill**, (2) walk **downhill** to the beach

The family's finances have been going **downhill** since they lost their main source of income.

deform

v. to change or distort the shape or appearance of something; to become misshapen or distorted

synonym : distort, contort, mangle

(1) **deform** the shape, (2) **deform** his way of life

The heat from the fire **deformed** the plastic parts of the appliance.

crack

v. to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking

synonym : snap, burst, break

(1) **crack** an eggshell, (2) a **crack** in a board

He that would eat the kernel must **crack** the nut.

amazing

adj. extremely surprising, especially in a way that you like or admire

synonym : exceptional, extraordinary, wonderful

(1) **amazing** advances, (2) the most **amazing** feeling

The golfer recorded an **amazing** distance.

dynamics

n. the branch of mechanics that deals with the motion of bodies under the action of forces, including the particular case in which a body remains at rest; forces that produce or stimulate movement, growth, or change

synonym : mechanics, kinetics, kinematics

(1) **dynamics** of group, (2) **dynamics** of economy

The relationship **dynamics** between the two countries were complex and constantly changing.

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.

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.

satellite

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

synonym : orbiter, asteroid, moon

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

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

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.

smartphone

n. a mobile phone that functions as a computer and connects to the Internet

(1) **smartphone** app developer, (2) **smartphone** addict
Internet traffic volumes have increased significantly with the advent of **smartphones**.

wealth

n. a large amount of money, property, or other things that someone or an organization owns

synonym : affluence, assets, fortunate

(1) majority of his **wealth**, (2) material **wealth**

The **wealth** inequality was unavoidable.

observation

n. the act or activity of carefully examining or monitoring something or someone

synonym : watching, notice, reflection

(1) class **observation** day, (2) **observation** instrument

In the hospital, she will remain under constant **observation**.

- rev** *n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
synonym: revolution, RPM, speed
(1) low- **rev** engine, (2) **rev** up the crowd
He stepped on the gas pedal, and the engine released a loud **rev**.
- continuously** *adv.* without being interrupted or paused; repeatedly
synonym: constantly, frequently, always
(1) use one thing **continuously**, (2) **continuously** removed
The country's domestic coal consumption has been **continuously** declining for decades.
- instance** *n.* a particular example or single occurrence of something
synonym: example, sample, illustration
(1) for **instance**, (2) notable **instance**
These articles cite five **instances** of climate change.
- melt** *v.* to turn from something solid into something soft or liquid as a result of heating
synonym: disintegrate, soften, disappear
(1) **melt** the ice, (2) **melt** down gold
Her resistance **melted** under his persuasion.
- snowfall** *n.* a fall of snow; the amount of snow falling within a particular area in a specific time
synonym: snow, blizzard, gale
(1) the first **snowfall** of the season, (2) **snowfall** prediction
Several roads have been closed due to the heavy **snowfall**.
- cycle** *n.* an interval during which a recurring sequence of events occurs; a bicycle or motorcycle
synonym: revolution, rotation, bike
(1) the **cycle** of the seasons, (2) go to the workplace by **cycle**

The food chain causes a material **cycle**.

eclipse

n. an obscuring of one celestial body by another, often used to describe a lunar or solar eclipse; a period of obscurity or decline, often used to describe a decline in popularity or influence; (verb) to surpass, overshadow, or outshine someone or something

synonym : overshadow, blackout, decadence

(1) partial **eclipse**, (2) **eclipse** a competitor

People across the country gathered to watch the solar **eclipse** in wonder and amazement.

mass

n. a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together

synonym : abundance, crowd, mob

(1) a **mass** of molten rock, (2) critical **mass**

The **mass** of people who do not own property is politically impotent.

stun

v. to make a person or an animal unconscious or dizzy, especially by hitting them on the head; to make someone surprised or shocked greatly

synonym : shock, amaze, astound

(1) **stun** fish, (2) **stun** an audience

This sprinter **stunned** the world with his speed.

glaciologist

n. a scientist who studies the formation, movement, and effects of glaciers and ice

synonym : ice scientists, cryospheric scientists

(1) **glaciologist** findings, (2) **glaciologist** fieldwork

The **glaciologist's** research revealed that the glacier has been shrinking alarmingly.

pile

n. a collection of objects positioned one on top of another; a large sum of something, such as money

synonym : accumulation, heap, stack

(1) a sand **pile**, (2) the height of a **pile**

After the party, they had to clean up **piles** of dirty dishes.

continent

n. one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex

synonym: landmass, (adjective) chaste, (adjective) pure

(1) the inland of a **continent**, (2) **continent** urinary diversion

Flight across the **continent** was a daring adventure in its day.

drown

v. to die or cause to die by being unable to breathe underwater

synonym: douse, drench, overwhelm

(1) **drown** in a bath, (2) I was **drowned** in work

Floods have the potential to **drown** any subsurface animals easily.

bedrock

n. the solid rock underlying soil or alluvium

synonym: foundation, foundation stone, base

(1) **bedrock** foundation, (2) **bedrock** geology

The **bedrock** beneath the soil is extremely solid and stable.

radar

n. a technology that employs radio waves to locate items that cannot be seen

synonym: sonar, radiolocation

(1) **radar** air traffic control, (2) **radar** scanning

Radar systems cannot spot the submarine.

valley

n. a long depression on the surface of the land, which typically contains a river

synonym: canyon, gorge, dale

(1) **valley** bottom, (2) basin-shaped **valley**

The **valley** had received a mild snowfall the previous week.

depression

n. a mental condition in which a person feels very unhappy and without hope for the future; a severe recession in an economy or market

synonym: recession, slump, despair

(1) the Great **Depression**, (2) the root problem of her **depression**

Depression symptoms might include a decrease in appetite and weight loss.

grand

adj. important and large in size, scope, or extent

synonym: impressive, great, ambitious

(1) a **grand** meal, (2) **grand** bargain

This year's **grand** gathering will be held in Canada.

canyon

n. a large deep valley with very steep sides of rock and usually formed by a river

synonym: gorge, valley, ravine

(1) twisty **canyon** road, (2) **canyon** of skyscrapers

The Grand **Canyon** has an awe-inspiring sight.

funnel

n. a tube or pipe that is wide at the top, sloping sides, narrow at the bottom, used for pouring liquids or powders into a small opening; a smokestack on a ship or steam engine

synonym: filter, chimney

(1) separatory **funnel**, (2) a **funnel-shaped** device

We have to use a **funnel** to pour petrol into the tank.

entirely

adv. completely

synonym: completely, fully, totally

(1) **entirely** satisfied with the meal, (2) he was **entirely** to blame

Later, his claim was found to be **entirely** false.

transparent

adj. easy to perceive, detect, or understand; (of a material or article) permitting light to pass through freely

synonym: translucent, evident, diaphanous

(1) a **transparent** lie, (2) **transparent** crystal

The focus of these initiatives is to make the financial system

more **transparent**.

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.

cube

n. a three-dimensional shape with six square faces that are all equal in size; (of mathematics) the result of multiplying the number by itself three times

synonym: block, square, cell

(1) **cube** root, (2) ice **cube**

I cut the cheese into small **cubes** for the salad.

microwave

n. a form of electromagnetic radiation with wavelengths ranging from about one millimeter to one meter and frequencies between 300 MHz (0.3 GHz) and 300 GHz; an electric oven that cooks food by exposing it to high-frequency electromagnetic radiation, which causes the food molecules to vibrate and heat up quickly

synonym: oven, waveguide, radar range

(1) **microwave** radiation, (2) **microwave** popcorn

I heated my leftover food in the **microwave** oven, which tasted just as good as freshly cooked.

straight

adj. extending or moving in one direction without bending or curving; having no deviations

synonym: linear, honest, consecutive

(1) a **straight** line, (2) **straight** for two months

He was sick for five **straight** days.

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.

principle

n. a fundamental law or truth that explains or controls how something happens or works

synonym: rule, creed, code

(1) **principle** of treatment, (2) **principle** in business

Efficiency isn't an essential **principle** here; fairness is.

vast

adj. enormous in size, number, amount, or quantity

synonym: expansive, extended, boundless

(1) **vast** majority, (2) **vast** desert

A **vast** audience viewed the broadcast.

colleague

n. one of a group of a coworker, especially in a profession or a business

synonym: coworker, associate, fellow

(1) collaborate with **colleagues**, (2) former **colleague**

I decided to seek counseling on the advice of my **colleague**.

beneath

adv. in or to a lower place than someone or something

synonym: down, under, low

(1) the ground **beneath** my feet, (2) **beneath** contempt

A great stretch of the lake lay **beneath** them.

pump

v. to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities

synonym: drain, inject, send

(1) **pump** a secret out of success, (2) **pump** blood throughout the body

He was alert and could not **pump** any critical information out of him.

aquifer

n. an underground layer of rock, sand, or Earth that can take in and hold water

(1) **aquifer** soil, (2) subsurface **aquifer**

Some areas melt snow by harnessing heat from underground

aquifers.

trickle

v. to flow or drip slowly and in small amounts; to happen or occur gradually or in small quantities

synonym: dribble, flow, seep

(1) **trickle** down my cheek, (2) **trickle** from his eyes

Water was beginning to **trickle** into the basement after the heavy rain.

downward

adj. moving towards a lower position or a lower level

synonym: lower, earthward, descending

(1) a **downward** slope, (2) maintain **downward** compatibility

The stock market has been in a **downward** trend for the past month.

puddle

n. a small pool of water, especially on a flat surface; a small and usually shallow accumulation of any liquid substance

synonym: pool, pond, small lake

(1) **puddle** of water, (2) step in a **puddle**

The rain had formed a large **puddle** on the sidewalk.

igloo

n. a dome-shaped snow house or shelter commonly used by indigenous people of the Arctic regions, such as the Inuit, traditionally constructed with blocks of compacted snow or ice

synonym: snow house, snow hut

(1) **igloo** construction, (2) **igloo** village

During the winter months, the Inuit people of the Arctic often lived inside an **igloo** to survive the harsh climate.

insulate

v. to protect something by interposing material that prevents heat, noise, electricity, etc.

synonym: isolate, protect, seclude

(1) **insulate** the room from sound, (2) **insulate** electricity

We had our bedroom **insulated** before winter came.

- 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.
- crevasse** *n.* a deep crack or fissure, especially in a glacier or the Earth's surface, often caused by stress or movement; a dangerous and treacherous gap or opening
synonym : crevice, fissure, gap
(1) fall into a **crevasse**, (2) dangerous **crevasse**
The mountaineer carefully crossed the glacier **crevasse** to continue climbing the icy peak.
- frack** *v.* to inject water and chemicals into the ground at high pressure to fracture the rock and release the gas or oil, especially to extract them
synonym : extract, drill, mine
(1) **frack** the land, (2) **frack** multiple wells
The energy company plans to **frack** the shale deposit to extract natural gas.
- extract** *n.* a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force
synonym : excerpt, quote, distillation
(1) a brief **extract** from the book, (2) botanical **extract**
Anesthetize the gum before **extracting** the teeth.
- fluid** *n.* a substance that can flow and is not solid
synonym : liquid, aqua, sap
(1) plenty of **fluids**, (2) **fluid** assets
She was diagnosed with a **fluid** buildup in her lungs.

fracture

n. the breaking or cracking of a rigid material or object such as bone

synonym: break, crack, rupture

(1) **fracture** test, (2) risk of bone **fractures**

X-ray inspection revealed many **fractures**.

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**.

feat

n. a notable or impressive achievement, especially one that requires great skill or bravery

synonym: achievement, accomplishment, exploit

(1) intellectual **feat**, (2) **feat** accomplishment

It is an incredible **feat** to climb Mount Everest, the highest mountain in the world.

helicopter

n. a type of aircraft that is capable of hovering in place and moving vertically, as well as flying horizontally; often used for emergency medical services, military operations, and transport in areas with limited access

synonym: chopper, copter, whirlybird

(1) **helicopter** ride, (2) police **helicopter**

The company's CEO arrived at the meeting via **helicopter** to avoid traffic congestion

quest

n. a long or challenging search for something

synonym: exploration, inquisition, pursuit

(1) the **quest** for truth, (2) on a **quest** for happiness

That adventurer traveled in **quest** of buried treasure.

numerical

adj. relating to, expressed, or denoted by a number

synonym: quantitative, numeral, mathematical

(1) 3D **numerical** simulation, (2) the **numerical** keypad
The **numerical** value of Pi is approximately 3.14.

supercomputer

n. a computer with a high level of computing power and speed, typically used for scientific or engineering computations that require immense amounts of data processing

synonym: high-performance computer, mainframe, giant computer

(1) **supercomputer** performance, (2) **supercomputer** technology

China has developed one of the world's fastest **supercomputers** for its space program.

equation

n. the act of regarding as equal; (mathematics) a statement that expresses the equality of two expressions by connecting them with the equals sign

(1) the **equation** of poverty with ignorance, (2) a chemical **equation**

In this class, you will learn how to solve quadratic **equations**.

sequence

n. a series of related events, actions, numbers, etc., which have a particular order

synonym: arrangement, succession, series

(1) the **sequence** of the seasons, (2) the DNA **sequence**

We do move forward with those tasks in **sequence** next week.

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.

predict

v. to state beforehand that something will happen in the future, mainly based on knowledge or experience

synonym: forecast, anticipate, foresee

(1) **predict** the future, (2) **predict** when she will arrive
It's notoriously challenging to **predict** birth rates.

engineer

n. a person whose job is designing, building, or maintaining something such as machines, structures, or software
synonym: architect, creator, builder

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

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

aluminum

n. a chemical element with the symbol Al that visually resembles silver, used especially for making cooking equipment and aircraft parts

(1) a layer of **aluminum** foil, (2) an **aluminum** alloy

Some of the parts of this car are made of **aluminum** to reduce weight.

steel

n. a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure

synonym: iron

(1) magnetic **steel**, (2) **steel** beam

This bridge is the third largest **steel** bridge in the world.

adapt

v. to make fit for or change to suit a new purpose or environment

synonym: adjust, acclimate, accustom

(1) **adapt** fully to the environment, (2) **adapt** as needed

I advised him to **adapt** to his new surroundings.

mathematics

n. the science dealing with the logic of quantities, shapes, spaces, and arrangement

synonym: arithmetic, calculation, calculus

(1) a good grounding in **mathematics**, (2) **mathematics** competition

He has a flair for **mathematics**.

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.

panel

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

synonym: board, commission, discussion

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

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

zoom

v. to move along very quickly; (noun) the act of rising upward into the air

synonym: move quickly, dive, buzz

(1) **zoom** in on a photo, (2) **zoom** lens

He **zoomed** back in time to the soccer game.

skinny

adj. having a very thin or slim body; referring to clothing that is tightly fitting and reveals the shape of the body; referring to information or details that are kept secret or confidential

synonym: slender, lean, thin

(1) **skinny** jeans, (2) **skinny** finger

His mom was always concerned about his **skinny** frame and encouraged him to eat more

negative

adj. having the quality of something bad or harmful; expressing refusal

synonym: minus, adverse, pessimistic

(1) have a **negative** effect, (2) a **negative** number
The movie has received almost universally **negative** criticism.

degree

n. a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment

synonym: level, qualification, diploma

(1) bachelor's **degree**, (2) **degree** centigrade

She received her **degree** in psychology from the university.

freezer

n. a device that keeps food, beverages, or other perishable items at low temperatures to maintain their freshness or preserve them for later use

synonym: refrigerator, icebox, cooler

(1) portable **freezer**, (2) **freezer** bag

I put the ice cream in the **freezer** to keep it from melting.

overcome

v. to succeed in controlling or dealing with something, such as a problem or difficulty; to defeat or overwhelm someone

synonym: beat, confound, overwhelm

(1) **overcome** opponents, (2) **overcome** all difficulties

He tried to **overcome** a bad reputation and win the election.

punch

v. to strike someone or something with one's fist; to make a hole in something

synonym: hit, strike, slap

(1) **punch** out numbers, (2) **punch** a ticket

He **punched** the wall in anger.

mystery

n. something difficult to understand or explain; a secret or enigmatic quality that adds to the fascination or interest of something; a genre of fiction that involves the solution of a crime or a puzzle

synonym: enigma, puzzle, secret

(1) **mystery** novel, (2) unsolved **mystery**

The **mystery** surrounding the disappearance of the traveler has yet to be solved by authorities.

fraction

n. a small part or item forming a piece of a whole; the quotient of two rational numbers

synonym: piece, part, fragment

(1) a **fractional** share of the vote, (2) a numerator in a **fraction**

He spent only a **fraction** of his earnings.

immense

adj. extremely large or great

synonym: enormous, giant, huge

(1) **immense** amount, (2) **immense** pressure

He left his wife an **immense** fortune.

timescale

n. a period or interval of time, particularly one used as a standard for measuring or comparing other periods of time; a reference point or benchmark for the duration or length of a particular event or process

synonym: time frame, schedule, duration

(1) long- **timescale**, (2) realistic **timescale**

The **timescale** for completing the construction project is three years.

centimeter

n. a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter

(1) **centimeter** measurement, (2) thirty **centimeters** tall

The room was only one **centimeter** wider than the piano, making it a tight fit.

uncertain

adj. not being sure of something; not being able to choose

synonym: doubtful, skeptical, pending

(1) numerous **uncertain** factors, (2) take an **uncertain** attitude

She was **uncertain** about her friend's intentions.

communal

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

synonym: collaborative, combined, collective

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

Communal elections were held in several European
countries.

Session 2: Spelling

1. use one thing con_____sly
adv. without being interrupted or paused; repeatedly
2. separatory fu___l
n. a tube or pipe that is wide at the top, sloping sides, narrow at the bottom, used for pouring liquids or powders into a small opening; a smokestack on a ship or steam engine
3. de___m his way of life
v. to change or distort the shape or appearance of something; to become misshapen or distorted
4. majority of his we___h
n. a large amount of money, property, or other things that someone or an organization owns
5. the se_____ce of the seasons
n. a series of related events, actions, numbers, etc., which have a particular order
6. notable in_____ce
n. a particular example or single occurrence of something
7. pu___e of water
n. a small pool of water, especially on a flat surface; a small and usually shallow accumulation of any liquid substance
8. tra_____nt crystal
adj. easy to perceive, detect, or understand; (of a material or article) permitting light to pass through freely
9. ig__o construction
n. a dome-shaped snow house or shelter commonly used by indigenous people of the Arctic regions, such as the Inuit, traditionally constructed with blocks of compacted snow or ice

ANSWERS: 1. continuously, 2. funnel, 3. deform, 4. wealth, 5. sequence, 6. instance, 7. puddle, 8. transparent, 9. igloo

10. in_____ct directly with customers *v.* to communicate or react with somebody
11. the Great Dep_____on *n.* a mental condition in which a person feels very unhappy and without hope for the future; a severe recession in an economy or market
12. numerous un_____in factors *adj.* not being sure of something; not being able to choose
13. p__p a secret out of success *v.* to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities
14. basin-shaped va_____y *n.* a long depression on the surface of the land, which typically contains a river
15. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
16. un_____r a potential problem *v.* to remove the cover from something; to discover something previously unseen or hidden
17. the nu_____al keypad *adj.* relating to, expressed, or denoted by a number
18. the ground be_____h my feet *adv.* in or to a lower place than someone or something
19. a civil en_____er *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
20. a fu___l-shaped device *n.* a tube or pipe that is wide at the top, sloping sides, narrow at the bottom, used for pouring liquids or powders into a small opening; a smokestack on a ship or steam engine

ANSWERS: 10. interact, 11. depression, 12. uncertain, 13. pump, 14. valley, 15. environment, 16. uncover, 17. numerical, 18. beneath, 19. engineer, 20. funnel

21. mi_____ve radiation *n.* a form of electromagnetic radiation with wavelengths ranging from about one millimeter to one meter and frequencies between 300 MHz (0.3 GHz) and 300 GHz; an electric oven that cooks food by exposing it to high-frequency electromagnetic radiation, which causes the food molecules to vibrate and heat up quickly
22. a fr_____onal share of the vote *n.* a small part or item forming a piece of a whole; the quotient of two rational numbers
23. bachelor's de_____e *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
24. class obs_____on day *n.* the act or activity of carefully examining or monitoring something or someone
25. portable fr_____r *n.* a device that keeps food, beverages, or other perishable items at low temperatures to maintain their freshness or preserve them for later use
26. un_____r the truth *v.* to remove the cover from something; to discover something previously unseen or hidden
27. co_____nt urinary diversion *n.* one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex
28. beginning of the industrial
rev_____on *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;

ANSWERS: 21. microwave, 22. fraction, 23. degree, 24. observation, 25. freezer, 26. uncover, 27. continent, 28. revolution

29. a brief ex_____t from the book *n.* a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force
30. fr_____re test *n.* the breaking or cracking of a rigid material or object such as bone
31. I was dr__ned in work *v.* to die or cause to die by being unable to breathe underwater
32. pr_____le of treatment *n.* a fundamental law or truth that explains or controls how something happens or works
33. be_____h contempt *adv.* in or to a lower place than someone or something
34. ig__o village *n.* a dome-shaped snow house or shelter commonly used by indigenous people of the Arctic regions, such as the Inuit, traditionally constructed with blocks of compacted snow or ice
35. in_____te electricity *v.* to protect something by interposing material that prevents heat, noise, electricity, etc.
36. obs_____on instrument *n.* the act or activity of carefully examining or monitoring something or someone
37. plenty of fl__ds *n.* a substance that can flow and is not solid
38. re_____se an old building *v.* to use something again for a different purpose than it was originally intended

ANSWERS: 29. extract, 30. fracture, 31. drown, 32. principle, 33. beneath, 34. igloo, 35. insulate, 36. observation, 37. fluid, 38. repurpose

39. police hel_____er *n.* a type of aircraft that is capable of hovering in place and moving vertically, as well as flying horizontally; often used for emergency medical services, military operations, and transport in areas with limited access
40. s__n fish *v.* to make a person or an animal unconscious or dizzy, especially by hitting them on the head; to make someone surprised or shocked greatly
41. dr__n in a bath *v.* to die or cause to die by being unable to breathe underwater
42. a cr__k in a board *v.* to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking
43. a layer of al_____um foil *n.* a chemical element with the symbol Al that visually resembles silver, used especially for making cooking equipment and aircraft parts
44. a chemical eq_____on *n.* the act of regarding as equal; (mathematics) a statement that expresses the equality of two expressions by connecting them with the equals sign
45. former co_____ue *n.* one of a group of a coworker, especially in a profession or a business
46. hel_____er ride *n.* a type of aircraft that is capable of hovering in place and moving vertically, as well as flying horizontally; often used for emergency medical services, military operations, and transport in areas with limited access

ANSWERS: 39. helicopter, 40. stun, 41. drown, 42. crack, 43. aluminum, 44. equation, 45. colleague, 46. helicopter

47. 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
48. take an un_____in attitude *adj.* not being sure of something; not being able to choose
49. a political rev_____on *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
50. a GPS sa_____te *n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
51. collaborate with co_____ues *n.* one of a group of a coworker, especially in a profession or a business
52. the height of a p__e *n.* a collection of objects positioned one on top of another; a large sum of something, such as money
53. on a qu__t for happiness *n.* a long or challenging search for something
54. realistic ti_____le *n.* a period or interval of time, particularly one used as a standard for measuring or comparing other periods of time; a reference point or benchmark for the duration or length of a particular event or process
55. im_____e amount *adj.* extremely large or great
56. nuclear ph_____s *n.* the science of matter and energy and their interactions

ANSWERS: 47. discovery, 48. uncertain, 49. revolution, 50. satellite, 51. colleague, 52. pile, 53. quest, 54. timescale, 55. immense, 56. physics

57. in_____te the room from sound *v.* to protect something by interposing material that prevents heat, noise, electricity, etc.
58. cen_____er measurement *n.* a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter
59. the qu__t for truth *n.* a long or challenging search for something
60. thirty cen_____ers tall *n.* a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter
61. st___c website *adj.* not moving or not capable of moving, not changing or not capable of changing
62. dangerous cr_____se *n.* a deep crack or fissure, especially in a glacier or the Earth's surface, often caused by stress or movement; a dangerous and treacherous gap or opening
63. low-r_v engine *n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
64. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
65. c__e root *n.* a three-dimensional shape with six square faces that are all equal in size; (of mathematics) the result of multiplying the number by itself three times

ANSWERS: 57. insulate, 58. centimeter, 59. quest, 60. centimeter, 61. static, 62. crevasse, 63. rev, 64. environment, 65. cube

66. co____al swimming pool *adj.* belonging to or used by a group rather than individuals; for common use
67. sup_____ter performance *n.* a computer with a high level of computing power and speed, typically used for scientific or engineering computations that require immense amounts of data processing
68. maintain do_____rd compatibility *adj.* moving towards a lower position or a lower level
69. gl_____rs move tardily *n.* a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole
70. gla_____ist findings *n.* a scientist who studies the formation, movement, and effects of glaciers and ice
71. fl__d assets *n.* a substance that can flow and is not solid
72. z__m lens *v.* to move along very quickly; (noun) the act of rising upward into the air
73. colorless li____d *n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas
74. a tra_____nt lie *adj.* easy to perceive, detect, or understand; (of a material or article) permitting light to pass through freely
75. the inland of a co_____nt *n.* one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex

ANSWERS: 66. communal, 67. supercomputer, 68. downward, 69. glacier, 70. glaciologist, 71. fluid, 72. zoom, 73. liquid, 74. transparent, 75. continent

76. sma_____ne app developer *n.* a mobile phone that functions as a computer and connects to the Internet
77. have a ne_____ve effect *adj.* having the quality of something bad or harmful; expressing refusal
78. 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
79. ec_____e a competitor *n.* an obscuring of one celestial body by another, often used to describe a lunar or solar eclipse; a period of obscurity or decline, often used to describe a decline in popularity or influence; (verb) to surpass, overshadow, or outshine someone or something
80. a numerator in a fr_____on *n.* a small part or item forming a piece of a whole; the quotient of two rational numbers
81. ice c__e *n.* a three-dimensional shape with six square faces that are all equal in size; (of mathematics) the result of multiplying the number by itself three times
82. re_____se a used car *v.* to use something again for a different purpose than it was originally intended
83. a ne_____ve number *adj.* having the quality of something bad or harmful; expressing refusal
84. gla_____ist fieldwork *n.* a scientist who studies the formation, movement, and effects of glaciers and ice

ANSWERS: 76. smartphone, 77. negative, 78. doe, 79. eclipse, 80. fraction, 81. cube, 82. repurpose, 83. negative, 84. glaciologist

85. in____ct with one another *v.* to communicate or react with somebody
86. a m__s of molten rock *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
87. z__m in on a photo *v.* to move along very quickly; (noun) the act of rising upward into the air
88. sk___y jeans *adj.* having a very thin or slim body; referring to clothing that is tightly fitting and reveals the shape of the body; referring to information or details that are kept secret or confidential
89. am____g advances *adj.* extremely surprising, especially in a way that you like or admire
90. en____ly satisfied with the meal *adv.* completely
91. long-ti_____le *n.* a period or interval of time, particularly one used as a standard for measuring or comparing other periods of time; a reference point or benchmark for the duration or length of a particular event or process
92. partial ec_____e *n.* an obscuring of one celestial body by another, often used to describe a lunar or solar eclipse; a period of obscurity or decline, often used to describe a decline in popularity or influence; (verb) to surpass, overshadow, or outshine someone or something
93. hazardous li____d *n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas

ANSWERS: 85. interact, 86. mass, 87. zoom, 88. skinny, 89. amazing, 90. entirely, 91. timescale, 92. eclipse, 93. liquid

94. ad__t fully to the environment *v.* to make fit for or change to suit a new purpose or environment
95. an al____um alloy *n.* a chemical element with the symbol Al that visually resembles silver, used especially for making cooking equipment and aircraft parts
96. the most am____g feeling *adj.* extremely surprising, especially in a way that you like or admire
97. intellectual f__t *n.* a notable or impressive achievement, especially one that requires great skill or bravery
98. st__l beam *n.* a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure
99. de___e centigrade *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
100. step in a pu___e *n.* a small pool of water, especially on a flat surface; a small and usually shallow accumulation of any liquid substance
101. st____ht for two months *adj.* extending or moving in one direction without bending or curving; having no deviations
102. be____k geology *n.* the solid rock underlying soil or alluvium
103. he was en____ly to blame *adv.* completely
104. pu__h out numbers *v.* to strike someone or something with one's fist; to make a hole in something

ANSWERS: 94. adapt, 95. aluminum, 96. amazing, 97. feat, 98. steel, 99. degree, 100. puddle, 101. straight, 102. bedrock, 103. entirely, 104. punch

105. f__t accomplishment *n.* a notable or impressive achievement, especially one that requires great skill or bravery
106. 3D nu_____al simulation *adj.* relating to, expressed, or denoted by a number
107. p__p blood throughout the body *v.* to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities
108. for in_____ce *n.* a particular example or single occurrence of something
109. pu__h a ticket *v.* to strike someone or something with one's fist; to make a hole in something
110. a do_____rd slope *adj.* moving towards a lower position or a lower level
111. ov_____me opponents *v.* to succeed in controlling or dealing with something, such as a problem or difficulty; to defeat or overwhelm someone
112. tr_____e from his eyes *v.* to flow or drip slowly and in small amounts; to happen or occur gradually or in small quantities
113. ad__t as needed *v.* to make fit for or change to suit a new purpose or environment
114. material we____h *n.* a large amount of money, property, or other things that someone or an organization owns
115. s__n an audience *v.* to make a person or an animal unconscious or dizzy, especially by hitting them on the head; to make someone surprised or shocked greatly

ANSWERS: 105. feat, 106. numerical, 107. pump, 108. instance, 109. punch, 110. downward, 111. overcome, 112. trickle, 113. adapt, 114. wealth, 115. stun

116. v__t majority *adj.* enormous in size, number, amount, or quantity
117. st___c electricity *adj.* not moving or not capable of moving, not changing or not capable of changing
118. the DNA se_____ce *n.* a series of related events, actions, numbers, etc., which have a particular order
119. unsolved my_____y *n.* something difficult to understand or explain; a secret or enigmatic quality that adds to the fascination or interest of something; a genre of fiction that involves the solution of a crime or a puzzle
120. a gr__d meal *adj.* important and large in size, scope, or extent
121. mi_____ve popcorn *n.* a form of electromagnetic radiation with wavelengths ranging from about one millimeter to one meter and frequencies between 300 MHz (0.3 GHz) and 300 GHz; an electric oven that cooks food by exposing it to high-frequency electromagnetic radiation, which causes the food molecules to vibrate and heat up quickly
122. pr_____le in business *n.* a fundamental law or truth that explains or controls how something happens or works
123. sup_____ter technology *n.* a computer with a high level of computing power and speed, typically used for scientific or engineering computations that require immense amounts of data processing

ANSWERS: 116. vast, 117. static, 118. sequence, 119. mystery, 120. grand, 121. microwave, 122. principle, 123. supercomputer

124. go to the workplace by cy__e *n.* an interval during which a recurring sequence of events occurs; a bicycle or motorcycle
125. sk___y finger *adj.* having a very thin or slim body; referring to clothing that is tightly fitting and reveals the shape of the body; referring to information or details that are kept secret or confidential
126. 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
127. va___y bottom *n.* a long depression on the surface of the land, which typically contains a river
128. cost of solar pa__ls *n.* a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something
129. fall into a cr_____se *n.* a deep crack or fissure, especially in a glacier or the Earth's surface, often caused by stress or movement; a dangerous and treacherous gap or opening
130. cr__k an eggshell *v.* to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking

ANSWERS: 124. cycle, 125. skinny, 126. process, 127. valley, 128. panel, 129. crevasse, 130. crack

131. walk do_____ll to the beach *adv.* in a direction that is downward or from a higher to a lower point; in a progressively worse or deteriorating manner
132. a sand p___e *n.* a collection of objects positioned one on top of another; a large sum of something, such as money
133. fr__k multiple wells *v.* to inject water and chemicals into the ground at high pressure to fracture the rock and release the gas or oil, especially to extract them
134. magnetic st__l *n.* a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure
135. a remote re_____ve *adj.* considered and evaluated through comparison with something else
136. ski do_____ll *adv.* in a direction that is downward or from a higher to a lower point; in a progressively worse or deteriorating manner
137. ov_____me all difficulties *v.* to succeed in controlling or dealing with something, such as a problem or difficulty; to defeat or overwhelm someone
138. unload the ca__o *n.* the goods carried by ship, aircraft, or other vehicles
139. com_____ty theory *n.* the state or quality of being complicated or intricate and difficult to understand

ANSWERS: 131. downhill, 132. pile, 133. frack, 134. steel, 135. relative, 136. downhill, 137. overcome, 138. cargo, 139. complexity

140. ra__r air traffic control *n.* a technology that employs radio waves to locate items that cannot be seen
141. tr_____e down my cheek *v.* to flow or drip slowly and in small amounts; to happen or occur gradually or in small quantities
142. exp_____nt design *n.* the scientific test conducted to observe what happens and gain new knowledge
143. a good grounding in mat_____cs *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
144. pr_____t when she will arrive *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
145. sn_____ll prediction *n.* a fall of snow; the amount of snow falling within a particular area in a specific time
146. pr_____t the future *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
147. en_____er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
148. fr__k the land *v.* to inject water and chemicals into the ground at high pressure to fracture the rock and release the gas or oil, especially to extract them
149. im_____e pressure *adj.* extremely large or great
150. a st_____ht line *adj.* extending or moving in one direction without bending or curving; having no deviations

ANSWERS: 140. radar, 141. trickle, 142. experiment, 143. mathematics, 144. predict, 145. snowfall, 146. predict, 147. engineer, 148. frack, 149. immense, 150. straight

151. the eq____on of poverty with ignorance
152. aq____r soil
153. m__t the ice
154. my____y novel
155. ca____n of skyscrapers
156. cognitive com____ty
157. be____k foundation
158. risk of bone fr____res
159. dy____cs of economy
- n.* the act of regarding as equal; (mathematics) a statement that expresses the equality of two expressions by connecting them with the equals sign
- n.* an underground layer of rock, sand, or Earth that can take in and hold water
- v.* to turn from something solid into something soft or liquid as a result of heating
- n.* something difficult to understand or explain; a secret or enigmatic quality that adds to the fascination or interest of something; a genre of fiction that involves the solution of a crime or a puzzle
- n.* a large deep valley with very steep sides of rock and usually formed by a river
- n.* the state or quality of being complicated or intricate and difficult to understand
- n.* the solid rock underlying soil or alluvium
- n.* the breaking or cracking of a rigid material or object such as bone
- n.* the branch of mechanics that deals with the motion of bodies under the action of forces, including the particular case in which a body remains at rest; forces that produce or stimulate movement, growth, or change

ANSWERS: 151. equation, 152. aquifer, 153. melt, 154. mystery, 155. canyon, 156. complexity, 157. bedrock, 158. fracture, 159. dynamics

160. botanical ex____t *n.* a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force
161. co____al combination of funds *adj.* belonging to or used by a group rather than individuals; for common use
162. fr____r bag *n.* a device that keeps food, beverages, or other perishable items at low temperatures to maintain their freshness or preserve them for later use
163. con____sly removed *adv.* without being interrupted or paused; repeatedly
164. de____m the shape *v.* to change or distort the shape or appearance of something; to become misshapen or distorted
165. lo____e a missing pet *v.* to specify or determine the exact position of someone or something
166. 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
167. pa__l discussion *n.* a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something
168. twisty ca____n road *n.* a large deep valley with very steep sides of rock and usually formed by a river

ANSWERS: 160. extract, 161. communal, 162. freezer, 163. continuously, 164. deform, 165. locate, 166. discovery, 167. panel, 168. canyon

169. critical m__s *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
170. subsurface aq____r *n.* an underground layer of rock, sand, or Earth that can take in and hold water
171. sma_____ne addict *n.* a mobile phone that functions as a computer and connects to the Internet
172. gr__d bargain *adj.* important and large in size, scope, or extent
173. dy_____cs of group *n.* the branch of mechanics that deals with the motion of bodies under the action of forces, including the particular case in which a body remains at rest; forces that produce or stimulate movement, growth, or change
174. d_e rabbit *n.* a mature female of mammals of which the male is called a buck, such as a deer or a rabbit
175. the root problem of her dep_____on *n.* a mental condition in which a person feels very unhappy and without hope for the future; a severe recession in an economy or market
176. the cy__e of the seasons *n.* an interval during which a recurring sequence of events occurs; a bicycle or motorcycle
177. 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

ANSWERS: 169. mass, 170. aquifer, 171. smartphone, 172. grand, 173. dynamics, 174. doe, 175. depression, 176. cycle, 177. process

178. series of exp_____nts *n.* the scientific test conducted to observe what happens and gain new knowledge
179. lo___e a tumor *v.* to specify or determine the exact position of someone or something
180. m__t down gold *v.* to turn from something solid into something soft or liquid as a result of heating
181. v__t desert *adj.* enormous in size, number, amount, or quantity
182. laws of ph____s *n.* the science of matter and energy and their interactions
183. r_v up the crowd *n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
184. mat_____cs competition *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
185. a meteorological sa_____te *n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
186. gl____r retreat *n.* a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole
187. plenty of ca__o space *n.* the goods carried by ship, aircraft, or other vehicles

ANSWERS: 178. experiment, 179. locate, 180. melt, 181. vast, 182. physics, 183. rev, 184. mathematics, 185. satellite, 186. glacier, 187. cargo

188. the first sn____ll of the season *n.* a fall of snow; the amount of snow falling within a particular area in a specific time
189. re____ve factors *adj.* considered and evaluated through comparison with something else
190. ra__r scanning *n.* a technology that employs radio waves to locate items that cannot be seen

ANSWERS: 188. snowfall, 189. relative, 190. radar

Session 3: Fill in the Blanks

1. Floods have the potential to _____ any subsurface animals easily.
v. to die or cause to die by being unable to breathe underwater
2. She was diagnosed with a _____ buildup in her lungs.
n. a substance that can flow and is not solid
3. His mom was always concerned about his _____ frame and encouraged him to eat more
adj. having a very thin or slim body; referring to clothing that is tightly fitting and reveals the shape of the body; referring to information or details that are kept secret or confidential
4. This sprinter _____ the world with his speed.
v. to make a person or an animal unconscious or dizzy, especially by hitting them on the head; to make someone surprised or shocked greatly
5. _____ symptoms might include a decrease in appetite and weight loss.
n. a mental condition in which a person feels very unhappy and without hope for the future; a severe recession in an economy or market
6. He _____ back in time to the soccer game.
v. to move along very quickly; (noun) the act of rising upward into the air
7. I heated my leftover food in the _____ oven, which tasted just as good as freshly cooked.
n. a form of electromagnetic radiation with wavelengths ranging from about one millimeter to one meter and frequencies between 300 MHz (0.3 GHz) and 300 GHz; an electric oven that cooks food by exposing it to high-frequency electromagnetic radiation, which causes the food molecules to vibrate and heat up quickly

ANSWERS: 1. drown, 2. fluid, 3. skinny, 4. stunned, 5. Depression, 6. zoomed, 7. microwave

8. The _____ image on the screen took a lot of work to make out.
adj. not moving or not capable of moving, not changing or not capable of changing
9. He was alert and could not _____ any critical information out of him.
v. to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities
10. His _____ showed highly positive results.
n. the scientific test conducted to observe what happens and gain new knowledge
11. The _____ will repair my telephone tomorrow morning.
n. a person whose job is designing, building, or maintaining something such as machines, structures, or software
12. The _____ surrounding the disappearance of the traveler has yet to be solved by authorities.
n. something difficult to understand or explain; a secret or enigmatic quality that adds to the fascination or interest of something; a genre of fiction that involves the solution of a crime or a puzzle
13. 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
14. Most countries prohibit sexual activity between certain close _____.
adj. considered and evaluated through comparison with something else
15. After the party, they had to clean up _____ of dirty dishes.
n. a collection of objects positioned one on top of another; a large sum of something, such as money

ANSWERS: 8. static, 9. pump, 10. experiments, 11. engineer, 12. mystery, 13. discovery, 14. relatives, 15. piles

16. The ____ of people who do not own property is politically impotent.
- n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
17. Some areas melt snow by harnessing heat from underground _____.
- n.* an underground layer of rock, sand, or Earth that can take in and hold water
18. The _____ research revealed that the glacier has been shrinking alarmingly.
- n.* a scientist who studies the formation, movement, and effects of glaciers and ice
19. I advised him to ____ to his new surroundings.
- v.* to make fit for or change to suit a new purpose or environment
20. We do move forward with those tasks in _____ next week.
- n.* a series of related events, actions, numbers, etc., which have a particular order
21. 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
22. He _____ the wall in anger.
- v.* to strike someone or something with one's fist; to make a hole in something
23. Some of the parts of this car are made of _____ to reduce weight.
- n.* a chemical element with the symbol Al that visually resembles silver, used especially for making cooking equipment and aircraft parts
24. The family's finances have been going _____ since they lost their main source of income.
- adv.* in a direction that is downward or from a higher to a lower point; in a progressively worse or deteriorating manner

ANSWERS: 16. mass, 17. aquifers, 18. glaciologist's, 19. adapt, 20. sequence, 21. doe, 22. punched, 23. aluminum, 24. downhill

25. The movie has received almost universally _____ criticism.
adj. having the quality of something bad or harmful; expressing refusal
26. These articles cite five _____ of climate change.
n. a particular example or single occurrence of something
27. 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
28. The country's domestic coal consumption has been _____ declining for decades.
adv. without being interrupted or paused; repeatedly
29. It is an incredible _____ to climb Mount Everest, the highest mountain in the world.
n. a notable or impressive achievement, especially one that requires great skill or bravery
30. Internet traffic volumes have increased significantly with the advent of _____.
n. a mobile phone that functions as a computer and connects to the Internet
31. A _____ audience viewed the broadcast.
adj. enormous in size, number, amount, or quantity
32. 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

ANSWERS: 25. negative, 26. instances, 27. environment, 28. continuously, 29. feat, 30. smartphones, 31. vast, 32. complexity

33. The stock market has been in a _____ trend for the past month.
adj. moving towards a lower position or a lower level
34. The _____ had received a mild snowfall the previous week.
n. a long depression on the surface of the land, which typically contains a river
35. The rain had formed a large _____ on the sidewalk.
n. a small pool of water, especially on a flat surface; a small and usually shallow accumulation of any liquid substance
36. He tried to _____ a bad reputation and win the election.
v. to succeed in controlling or dealing with something, such as a problem or difficulty; to defeat or overwhelm someone
37. The relationship _____ between the two countries were complex and constantly changing.
n. the branch of mechanics that deals with the motion of bodies under the action of forces, including the particular case in which a body remains at rest; forces that produce or stimulate movement, growth, or change
38. She received her _____ in psychology from the university.
n. a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
39. People across the country gathered to watch the solar _____ in wonder and amazement.
n. an obscuring of one celestial body by another, often used to describe a lunar or solar eclipse; a period of obscurity or decline, often used to describe a decline in popularity or influence; (verb) to surpass, overshadow, or outshine someone or something

ANSWERS: 33. downward, 34. valley, 35. puddle, 36. overcome, 37. dynamics, 38. degree, 39. eclipse

40. He was sick for five _____ days.

adj. extending or moving in one direction without bending or curving; having no deviations

41. This year's _____ gathering will be held in Canada.

adj. important and large in size, scope, or extent

42. _____ systems cannot spot the submarine.

n. a technology that employs radio waves to locate items that cannot be seen

43. Later, his claim was found to be _____ false.

adv. completely

44. During the winter months, the Inuit people of the Arctic often lived inside an _____ to survive the harsh climate.

n. a dome-shaped snow house or shelter commonly used by indigenous people of the Arctic regions, such as the Inuit, traditionally constructed with blocks of compacted snow or ice

45. In the hospital, she will remain under constant _____.

n. the act or activity of carefully examining or monitoring something or someone

46. We have to use a _____ to pour petrol into the tank.

n. a tube or pipe that is wide at the top, sloping sides, narrow at the bottom, used for pouring liquids or powders into a small opening; a smokestack on a ship or steam engine

47. He should _____ more with his colleagues.

v. to communicate or react with somebody

ANSWERS: 40. straight, 41. grand, 42. Radar, 43. entirely, 44. igloo, 45. observation, 46. funnel, 47. interact

48. Flight across the _____ was a daring adventure in its day.
- n.* one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex
49. I cut the cheese into small _____ for the salad.
- n.* a three-dimensional shape with six square faces that are all equal in size; (of mathematics) the result of multiplying the number by itself three times
50. We had our bedroom _____ before winter came.
- v.* to protect something by interposing material that prevents heat, noise, electricity, etc.
51. China has developed one of the world's fastest _____ for its space program.
- n.* a computer with a high level of computing power and speed, typically used for scientific or engineering computations that require immense amounts of data processing
52. He spent only a _____ of his earnings.
- n.* a small part or item forming a piece of a whole; the quotient of two rational numbers
53. He left his wife an _____ fortune.
- adj.* extremely large or great
54. The _____ beneath the soil is extremely solid and stable.
- n.* the solid rock underlying soil or alluvium
55. 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

ANSWERS: 48. continent, 49. cubes, 50. insulated, 51. supercomputers, 52. fraction, 53. immense, 54. bedrock, 55. process

56. _____ elections were held in several European countries.
adj. belonging to or used by a group rather than individuals; for common use
57. Several roads have been closed due to the heavy _____.
n. a fall of snow; the amount of snow falling within a particular area in a specific time
58. The _____ for completing the construction project is three years.
n. a period or interval of time, particularly one used as a standard for measuring or comparing other periods of time; a reference point or benchmark for the duration or length of a particular event or process
59. Water was beginning to _____ into the basement after the heavy rain.
v. to flow or drip slowly and in small amounts; to happen or occur gradually or in small quantities
60. I decided to seek counseling on the advice of my _____.
n. one of a group of a coworker, especially in a profession or a business
61. He has a flair for _____.
n. the science dealing with the logic of quantities, shapes, spaces, and arrangement
62. The focus of these initiatives is to make the financial system more _____.
adj. easy to perceive, detect, or understand; (of a material or article) permitting light to pass through freely
63. The old barn was _____ into a modern event space.
v. to use something again for a different purpose than it was originally intended

ANSWERS: 56. Communal, 57. snowfall, 58. timescale, 59. trickle, 60. colleague, 61. mathematics, 62. transparent, 63. repurposed

64. I put the ice cream in the _____ to keep it from melting.
- n.* a device that keeps food, beverages, or other perishable items at low temperatures to maintain their freshness or preserve them for later use
65. It's notoriously challenging to _____ birth rates.
- v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
66. This bridge is the third largest _____ bridge in the world.
- n.* a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure
67. The energy company plans to _____ the shale deposit to extract natural gas.
- v.* to inject water and chemicals into the ground at high pressure to fracture the rock and release the gas or oil, especially to extract them
68. The _____ of the ice age have shaped Fjord.
- n.* a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole
69. He that would eat the kernel must _____ the nut.
- v.* to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking
70. The Grand _____ has an awe-inspiring sight.
- n.* a large deep valley with very steep sides of rock and usually formed by a river
71. A great stretch of the lake lay _____ them.
- adv.* in or to a lower place than someone or something

ANSWERS: 64. freezer, 65. predict, 66. steel, 67. frack, 68. glaciers, 69. crack, 70. Canyon, 71. beneath

72. The room was only one _____ wider than the piano, making it a tight fit.
- n.* a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter
73. Launching an artificial _____ contributed to the technological development of our country.
- n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
74. The robot can accurately _____ construction material.
- v.* to specify or determine the exact position of someone or something
75. Anesthetize the gum before _____ the teeth.
- n.* a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force
76. Her resistance _____ under his persuasion.
- v.* to turn from something solid into something soft or liquid as a result of heating
77. 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
78. The heat from the fire _____ the plastic parts of the appliance.
- v.* to change or distort the shape or appearance of something; to become misshapen or distorted
79. X-ray inspection revealed many _____.
- n.* the breaking or cracking of a rigid material or object such as bone

ANSWERS: 72. centimeter, 73. satellite, 74. locate, 75. extracting, 76. melted, 77. liquid, 78. deformed, 79. fractures

80. The _____ inequality was unavoidable.
- n.* a large amount of money, property, or other things that someone or an organization owns
81. She was _____ about her friend's intentions.
- adj.* not being sure of something; not being able to choose
82. The company's CEO arrived at the meeting via _____ to avoid traffic congestion
- n.* a type of aircraft that is capable of hovering in place and moving vertically, as well as flying horizontally; often used for emergency medical services, military operations, and transport in areas with limited access
83. That adventurer traveled in _____ of buried treasure.
- n.* a long or challenging search for something
84. The mountaineer carefully crossed the glacier _____ to continue climbing the icy peak.
- n.* a deep crack or fissure, especially in a glacier or the Earth's surface, often caused by stress or movement; a dangerous and treacherous gap or opening
85. In this class, you will learn how to solve quadratic _____.
- n.* the act of regarding as equal; (mathematics) a statement that expresses the equality of two expressions by connecting them with the equals sign
86. 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;
87. He continued his investigation and soon _____ another crime.
- v.* to remove the cover from something; to discover something previously unseen or hidden

ANSWERS: 80. wealth, 81. uncertain, 82. helicopter, 83. quest, 84. crevasse, 85. equations, 86. revolution, 87. uncovered

88. During the war, many _____ ships were converted into battleships.
n. the goods carried by ship, aircraft, or other vehicles
89. The food chain causes a material _____.
n. an interval during which a recurring sequence of events occurs; a bicycle or motorcycle
90. He studied the _____ of radiation.
n. the science of matter and energy and their interactions
91. A _____ of economic advisers from the United States visited the country to help rebuild its economy.
n. a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something
92. The golfer recorded an _____ distance.
adj. extremely surprising, especially in a way that you like or admire
93. The _____ value of Pi is approximately 3.14.
adj. relating to, expressed, or denoted by a number
94. Efficiency isn't an essential _____ here; fairness is.
n. a fundamental law or truth that explains or controls how something happens or works
95. He stepped on the gas pedal, and the engine released a loud _____.
n. a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute

ANSWERS: 88. cargo, 89. cycle, 90. physics, 91. panel, 92. amazing, 93. numerical, 94. principle, 95. rev

ANSWERS: