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Vocabulary Builder Reference from...

Michel Laberge: How synchronized hammer strikes could generate nuclear fusion | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

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.

fossil

n. any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock

synonym : relic, remnant, antediluvian

(1) burning of **fossil** fuels, (2) a **fossil** leaf

It was the **fossil** of a dinosaur tooth.

fuel

n. a substance that is typically burned to generate heat or energy

synonym : energy, power, gas

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

The **fuel** scarcity most severely impacted the manufacturing sector

alternative

n. one of two or more available possibilities or choice

synonym : choice, option

(1) an **alternative** plan, (2) there is no other **alternative**
Doctors are gradually coming around to the idea of using **alternative** medicines.

convenient

adj. useful, helpful, or quick to do

synonym : timely, fortunate, suitable

(1) **convenient** way, (2) **convenient** location

The airport offers five **convenient** access routes.

coal

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

synonym : ember

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

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

nuclear

adj. of or relating to or constituting the nucleus of an atom; deriving destructive energy from the release of atomic energy

synonym : atomic

(1) **nuclear** fusion, (2) use of **nuclear** power

Many countries have now agreed to a treaty banning the use of **nuclear** weapons.

dense

adj. containing a large number of people or something with little space between them

synonym : heavy, thick, idiotic

(1) nutrient- **dense** foods, (2) **dense** forests

The entire mountain is covered in **dense** rainforest.

solid

adj. hard or firm; characterized by good substantial quality

synonym : stable, reliable, hard

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

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

reliable

adj. worthy of being relied on; trustworthy

synonym: dependable, trustworthy, dedicated

(1) **reliable** access, (2) guarantee **reliable** delivery

Trains are **reliable**, inexpensive, and ideal for long-distance travel.

fission

n. the splitting of an atomic nucleus into two or smaller nuclei, releasing a large amount of energy; the process of breaking something into smaller parts or pieces

synonym: splitting, division, separation

(1) heavy-ion **fission**, (2) atomic **fission**

Nuclear **fission** is the process of splitting an atom into two smaller ones.

fusion

n. the process of combining two or more things to form a single entity

synonym: merger, consolidation, amalgamation

(1) heat **fusion**, (2) **fusion** cuisine

Nuclear **fusion** is a process in which atomic nuclei combine to form heavier nuclei.

nucleus

n. the central and most important part of something; (biology) a part of the cell containing DNA and RNA and responsible for growth and reproduction; (physics) the very dense central region of an atom

synonym: core, heart, middle

(1) form a **nucleus**, (2) the **nucleus** of a team

DNA is stored in the **nucleus** of a cell.

react

v. to take action in response to something

synonym: respond, reply, oppose

(1) **react** at a high temperature, (2) **react** against his way of thinking

How did he **react** to your idea?

helium

n. a colorless, odorless, tasteless, non-toxic, inert, monatomic gas, the first in the noble gas series in the periodic table

synonym : He, light gas, noble gas

(1) **helium** atom, (2) **helium** gas

The **helium-filled** balloons floated into the sky.

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.

radioactive

adj. emitting powerful and dangerous energy when the nuclei (= central parts) of atoms are broken up

synonym : dangerous, contaminated, emanating

(1) **radioactive** decay, (2) **radioactive** isotope

The **radioactive** material was carefully stored in a lead-lined container.

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.

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.

watt

n. a standard unit for measuring electrical power

(1) 30- **watt** light bulb, (2) **watt** per square meter

Several hectares of land are needed to generate more than 1-mega **watt** solar power.

posit

v. to suggest or accept something as fact or as a basis for argument or consideration

synonym: assert, declare, assume

(1) **posit** the existence of life after death, (2) **posit** the premise

We should **posit** several hypotheses to discuss the matter.

fuse

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

synonym: (verb) melt, (verb) blend

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

He has a short **fuse**.

repulsion

n. a feeling of intense disgust or dislike; a physical force that resists the approach or contact of two objects

synonym: dislike, disgust, repugnance

(1) **repulsion** force, (2) sense of **repulsion**

The sight of spiders fills me with **repulsion**.

particle

n. a small piece of something; a word or piece of a term with grammatical function but little or no significance

synonym: atom, grain, bit

(1) charged **particle**, (2) **particle** energy

We can calculate the position of the **particles** statistically.

temperature

n. the degree of hotness or coldness of a thing or place

synonym: climate, warmth, degree

(1) extreme **temperatures**, (2) the atmospheric **temperature**

Cities around the world set records for highest **temperatures** this summer.

- 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.
- bug** *n.* any tiny insect; a fault or defect in a computer program, system, or machine
synonym : insect, bacterium, microbe
(1) **bug** bites, (2) number of **bug** fixes
I found a stink **bug** crawling across the ceiling.
- ph** *n.* a measure of the acidity or alkalinity of a substance, on a scale of 0 to 14, with seven being neutral, lower values indicating greater acidity, and higher values indicating greater alkalinity
synonym : acidity, alkalinity, balance
(1) **pH** value of seven, (2) **ph** scale
The **ph** level of this soil is too acidic for these types of plants.
- laser** *n.* a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification
synonym : beam, bar, ray
(1) **laser** printer, (2) pulse **laser**
The company holds patents on core components of **laser** jet printers.
- industrious** *adj.* hardworking, diligent, and persistent in effort
synonym : diligent, hardworking, assiduous
(1) **industrious** worker, (2) **industrious** student
He was known to be very **industrious** and would often work late into the night.
- bore** *v.* to make someone feel weary or uninterested, often by talking at length about uninteresting or mundane topics;

to cause someone to feel bored or unengaged; (noun) a hole or tunnel drilled or dug into the ground, either for exploration or extraction of natural resources

synonym : bear, tire, weary

(1) **bore** diameter, (2) **bore** him with his stories

The lecture on quantum physics **bored** me to tears.

midlife

n. the period of life between young adulthood and old age, typically characterized by a sense of maturity, stability, and sometimes, dissatisfaction or restlessness

(1) **midlife** depression, (2) **midlife** changes

Many people go through a **midlife** crisis and contemplate major life changes.

crisis

n. a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken

synonym : concern, problem, emergency

(1) financial **crisis**, (2) **crisis** management

The Chinese word for **crisis** comprises two characters, one for danger and the other for opportunity.

bury

v. to place a dead body in the ground, grave, or tomb

synonym : entomb, sink, forget

(1) **bury** in the earth, (2) **bury** emotion

There is plenty of space to **bury** everyone.

junk

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

synonym : trash, debris, waste

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

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

satisfactory

adj. meeting the requirements or expectations; acceptable

synonym : acceptable, sufficient, good enough

(1) **satisfactory** performance, (2) **satisfactory** outcome
The results of the test were **satisfactory** and met our expectations.

mistress

n. a woman who has an ongoing extramarital sexual relationship with a, often, married man; a woman who is in a position of authority or control and directs the work of others

synonym: ladylove, paramour, paramour

(1) a **mistress** of comedy, (2) keep a **mistress**
She used to be his **mistress** before the death of his first wife.

decide

v. to make up someone's mind about something; to come to a conclusion or judgment after considering options

synonym: choose, determine, settle

(1) **decide** a question, (2) **decide** on a course of action
She couldn't **decide** whether to order the pizza or the pasta for dinner.

physicist

n. a scientist who specializes in the field of physics

(1) talented **physicist**, (2) theoretical **physicist**
Einstein was an outstanding and famous **physicist** of the 20th century.

tokamak

n. a type of experimental facility used in nuclear fusion research that uses a magnetic field to confine a plasma in the shape of a torus to achieve controlled nuclear fusion reactions

synonym: fusion reactor, plasma device

(1) **tokamak** reactor, (2) experimental **tokamak**
Scientists at the research facility are working on the latest **tokamak** reactor to harness clean energy from nuclear fusion.

magnetic

adj. having the properties of attracting or repelling certain materials containing iron or steel

synonym: attractive, drawing, hypnotic

(1) **magnetic** field, (2) a **magnetic** tape

The **magnetic** force of the earth keeps our planet spinning.

coil *v.* to wind something in a spiral or helical shape; to create a coil or coil-like shape; to group or organize something closely together in a circular or spiral pattern

synonym: twist, wind, loop

(1) **coil** wire, (2) **coil** an arm

She carefully **coiled** the rope so that it wouldn't tangle.

semiconductor *n.* a material or substance that can conduct electricity under certain conditions but not others, often used in electronic devices

synonym: chip, wafer

(1) **semiconductor** industry, (2) **semiconductor** device

The company develops and sells **semiconductor** memory for use in computers and servers.

plasma *n.* (biology) the yellow-colored liquid component of blood, in which blood cells are suspended; (physics) one of the four fundamental states of matter consisting of positive ions and free electrons

(1) **plasma** membrane, (2) high-temperature **plasma**

Blood **plasma** makes up about half of the volume of blood.

trap *n.* a piece of equipment or hole for catching animals or people; (verb) to catch animals or people and prevent them from escaping

synonym: catch, snare, pinfall

(1) set a **trap**, (2) **trap** an animal

The enemy fell right into the **trap**.

dough *n.* a mixture of flour, liquid, and other ingredients, typically used to make bread, pastry, or pasta

synonym: flour, mix

(1) work **dough**, (2) **dough** for pastry

She mixed flour, yeast, sugar, and water to make **dough** for

the bread.

zap

v. to strike, destroy, get rid of, or kill something or someone suddenly and with force

synonym: destroy, kill, exterminate

(1) **zap** a huge target, (2) **zap** bar code

They provided allies with powerful weapons that could **zap** the enemy from thousands of miles away.

bunch

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

synonym: group, assemblage, bundle

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

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

squash

v. to forcefully crush or flatten something; to suppress, stifle, or defeat an idea or opposition forcefully

synonym: smash, crush, compress

(1) **squash** a package, (2) **squash** a rebellion

I like to **squash** my grapes when making homemade wine.

squeeze

v. to apply pressure from two or more sides; to hold someone or something tightly in your arms, usually with fondness

synonym: compress, crush, clamp

(1) **squeeze** a lemon, (2) **squeeze** a confession

She **squeezed** the toothpaste tube from the middle to get the last bit out.

beam

n. a long, sturdy piece of timber, metal, or other material used to support a structure or span a distance; a ray or stream of light emitted by a source

synonym: ray, ray of light, shaft of light

(1) **beam** of light, (2) a structural **beam** of a building

The sun's **beam** shone through the window and illuminated the room.

pellet

n. a small, round piece of compressed material, such as wood or plastic

synonym : bead, ball, bullet

(1) the form of a small **pellet**, (2) **pellet** stove

The **pellet** gun was used to shoot small metal balls.

nowhere

adv. not in, at, or to any place; not anywhere

(1) **nowhere** else to go, (2) come out of **nowhere**

I've been thinking all day and getting **nowhere**.

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**.

curve

n. a bend or angle in a line or surface that deviates from a straight or flat path; a gradual or smooth change in direction or shape

synonym : bend, arc, turn

(1) learning **curve**, (2) yield **curve**

The **curve** in the road was so sharp that I had to slow down to navigate it safely.

fable

n. a short story, often with animal characters, that teaches a general truth or a moral lesson

synonym : fantasy, story, legend

(1) classic **fable**, (2) moralize a **fable**

In his speech, he quoted a passage from a well-known **fable**.

define

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

synonym : characterize, depict, express

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

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

rigorously.

transistor

n. a semiconductor device that can be used to amplify or switch electronic signals and power which is an essential component in modern electronics

synonym : semiconductor, microchip, circuit

(1) **transistor** radio, (2) **transistor** circuit

The invention of the **transistor** revolutionized the field of electronics.

chip

n. a small fragment of something broken off from the whole; a long and thin piece of potato fried in oil or fat

synonym : flake, fragment, chunk

(1) a **chip** of wood, (2) I don't care a **chip**

We can use this campaign as a bargaining **chip** in the negotiations.

dot

n. a very small circular mark, especially one that is printed

synonym : drop, dab, fleck

(1) connecting the **dots**, (2) **dot** blot method

The wallpaper had a pattern of pink **dots** on a white surface.

jet

n. a type of aircraft that is powered by one or more jet engines and can fly at high speeds, typically over long distances

synonym : plane, aircraft, flier

(1) private **jet**, (2) commercial **jet**

The **jet** flew over the ocean at high speed, reaching its destination in hours.

joint

adj. shared, held, or made between two or more people;
(*noun*) the point of connection between two bones or elements of a skeleton

synonym : collaborative, cooperative, combined

(1) a **joint** venture, (2) the bone of a **joint**

After the summit meeting, the prime ministers issued a **joint** statement.

nation

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

synonym : country, state, sovereign entity

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

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

ignition

n. the act of starting a fire, engine, or other device; the beginning or starting point of a process or event

synonym : kindling, start, activation

(1) **ignition** system, (2) **ignition** switch

My car's **ignition** wouldn't turn over, so I had to call a mechanic.

facility

n. a building or place that provides a particular service or is used for a particular industry

synonym : building, structure, installation

(1) a cell phone with an internet **facility**, (2) **facility** design

This company has an entire recycling **facility**, including major reprocessing plants.

announce

v. to make something known or officially inform people about something

synonym : disclose, declare, broadcast

(1) **announce** candidacy, (2) **announce** the award winners

The third season of the anime show has been **announced**.

pronounced

adj. clearly and distinctly expressed or noticeable; emphasized

synonym : emphasized, distinct, noticeable

(1) clearly- **pronounced** utterances, (2) **pronounced** difference

The chef's herbs and spices gave the dish a **pronounced** flavor.

collaboration

n. the act or situation of working together to create or produce something

synonym: affiliation, alliance, coalition

(1) **collaboration** between companies, (2) **collaboration** platform

The partnership program requires a mutual **collaboration** between both agencies.

graph

n. a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other

synonym: chart, diagram, figure

(1) **graph** theory, (2) a **graph** sample

This bar **graph** shows sales over the past five years.

progression

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

synonym: advancement, development, evolution

(1) **progression** of civilization, (2) **progression** of disease

The company has made great strides in its **progression** toward sustainability.

drift

v. to move smoothly and slowly in water or air, especially as a result of outside forces, with no control over the direction

synonym: float, wander, freewheel

(1) **drift** down the stream, (2) **drift** away on a raft

I **drifted** around for years in Europe before going to university.

delay

v. to cause something to happen at a later time than originally intended or expected

synonym: block, adjourn, detain

(1) **delay** a flight three hours, (2) **delay** the new project

We **delayed** the payment because of an incorrect invoice.

critic

n. someone who expresses opinions about the quality of books, music, etc.

synonym : pundit, analyst, attacker

(1) art **critic**, (2) severe **critic**

Advocates for legal reform hear less harsh words from their **critics**.

trillion

n. the number 1,000,000,000,000; a million million

(1) **trillion** cubic feet, (2) many **trillions** of dollars

One light year is nearly 6 **trillion** miles.

selfie

n. a photograph that one has taken of oneself, typically one taken with a smartphone or webcam to share on social media

synonym : self-portrait, self-photo, self-snap

(1) **selfie** stick, (2) pose for a **selfie**

She took a **selfie** in front of the famous tower and shared it on the app.

subsidy

n. money paid by a government or an organization as part of the cost of something to aid or encourage it to happen

synonym : allowance, grant, sponsorship

(1) inefficient fossil fuel **subsidy**, (2) a **subsidy** for research

The government provided a considerable **subsidy** to the company.

renewable

adj. capable of being renewed, extended, or replaced

synonym : sustainable, replaceable

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

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

bias

n. a strong feeling in favor of or against one group of people, an idea, or thing, often not based on fair judgment

synonym : inclination, partiality, predilection

(1) **bias** against a big company, (2) have a **bias** toward

socialism

She researched gender **bias** in politics.

lad

n. a young boy or man, often used in an informal or affectionate way

synonym : boy, youth, youngster

(1) working-class **lad**, (2) local **lad**

The older man gave the young **lad** some helpful life advice.

awesome

adj. inspiring fear, admiration, or respect; very good, nice, fun, etc.

synonym : miraculous, marvelous, astounding

(1) **awesome** mental faculty, (2) have an **awesome** birthday

There is a lot of **awesome** nature and food in Hawaii.

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.

neutron

n. a subatomic particle with no electric charge that is present in all atomic nuclei except those of ordinary hydrogen

(1) **neutron** acceleration, (2) the antiparticle of a **neutron**

A **neutron** star is incredibly dense and has a strong gravitational pull.

damage

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

synonym : harm, impair, injure

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

During the surgery, the doctor had to be extremely cautious

not to **damage** a blood vessel.

spin

v. to cause something to rotate rapidly; to cause someone to feel dizzy or disoriented

synonym: rotate, twirl, swirl

(1) **spin** a top, (2) **spin** thread out of cotton

The tornado is **spinning** across the countryside, destroying everything in its path.

turbine

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

synonym: engine, generator, power plant

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

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

afterthought

n. a thought or idea that comes to mind after the fact, often too late to be of much use; something that is added or considered belatedly, especially in speech or writing

synonym: reconsideration, second thought, reconsideration

(1) **afterthought** comment, (2) an **afterthought** decision

Forgetting to mention our meeting was just an **afterthought** for him.

attract

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

synonym: lure, entice, draw in

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

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

magnet

n. an object or substance that can attract certain materials, such as iron or steel

synonym: magnetite, lodestone, attracting substance

(1) **magnet** attraction, (2) permanent **magnet**

The MRI machine uses **magnets** to produce images of the body's internal organs.

- vat** *n.* a large container, especially one used for storing or holding liquids
synonym: barrel, cask, container
(1) **vat** of acid, (2) a large **vat** for fermenting beer
The restaurant owner bought a large **vat** of cooking oil for frying.
- 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.
- vortex** *n.* a mass of whirling air, water, dust, or smoke, especially a whirlpool or whirlwind
synonym: whirlpool, whirlwind, maelstrom
(1) **vortex** formation, (2) blow in a **vortex**
The **vortex** of the tornado was massive and destructive.
- sink** *v.* to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid substance or sink into something else
synonym: descend, drop, plummet
(1) **sink** a lot of capital, (2) **sink** a buzzer-beater
The abandoned ship slowly began to **sink** into the murky waters of the harbor.
- piston** *n.* a cylindrical component of an engine, such as in a car or a pump, that moves back and forth inside a cylinder and transmits power
synonym: plunger, rod, moving part
(1) **piston** ring, (2) air **piston**
The **piston** in my car's engine needs to be replaced.
- compress** *v.* to press or squeeze together to make something take up less space

synonym: condense, constrict, squeeze

(1) **compress** the chest, (2) **compress** gas

She **compressed** the files into a single ZIP archive to save space on her computer.

advantage

n. a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has

synonym: benefit, edge, asset

(1) score an **advantage**, (2) take **advantage** of his weak points

One of the main **advantages** of the new product is its increased efficiency.

absorb

v. to take in a fluid or other substance gradually

synonym: consume, soak, ingest

(1) **absorb** energy, (2) **absorb** a shock

The sponge **absorbs** water well.

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.

exchange

v. to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded

synonym: trade, swap, interchange

(1) **exchange** rate, (2) **exchange** a few friendly words

My sister and I frequently **exchange** books, as we love reading.

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.

steam-powered

adj. powered by steam, typically referring to machinery or systems that use steam as a source of energy or propulsion

synonym: steam-driven, steam-operated, steam-engineered

(1) **steam-powered** factory, (2) **steam-powered** ship

The **steam-powered** train was a popular mode of transportation during the Industrial Revolution.

compression

n. the act or process of pressing or squeezing something together, often using force or pressure; (of physics) the reduction of volume or increase in pressure of a gas or fluid

synonym: condensation, squeezing, pressing

(1) **compression** garment, (2) data **compression**

The doctor recommended a **compression** bandage to reduce swelling in the injured area.

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.

sham

n. something that is not as good or true as it seems to be and is intended to deceive people; a person who pretends to be something they are not

synonym : bogus, counterfeit, fraudulent

(1) a **sham** battle, (2) turn out to be all **sham**

The data he prepared was completely **sham**.

improve

v. to make or become better

synonym : enhance, ameliorate, enrich

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

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

nail

n. a thin, pointed piece of metal with a flat head used for fastening things together; the thin hard layer covering and protecting the outer tip of the fingers or toes

synonym : pin, tack, fastener

(1) rusty **nail**, (2) **nail** clipper

He used a hammer and round **nail** to fix the loose board on the fence.

accelerate

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

synonym : speed up, quicken, rev

(1) **accelerate** a chemical reaction, (2) **accelerate** the car

The government tried to **accelerate** the commercialization of this development.

bang

v. to hit or cause to hit something in a way that makes a loud noise

synonym : crash, hit, smash

(1) **bang** his fist on a desk, (2) **bang** a phone down

My father tried to **bang** mathematics into my head since childhood.

instantly

adv. immediately

synonym : immediately, right away, directly

(1) **instantly** cope with, (2) be killed **instantly**

I remembered that person **instantly** and never forgot.

garage

n. a building or part of a building used to store a vehicle or vehicles, typically a car

synonym : carport, shed, barn

(1) electrical **garage** door, (2) **garage** repair

He parked his car in the private **garage**.

hire

v. to give somebody a job

synonym : employ, engage, lease

(1) **hire** a guide, (2) **hire** a car by the hour

We should always be prepared to **hire** talented recruits.

diameter

n. the length of a straight line passing through the center of a circle and connecting two points on the circumference

synonym : diam, width

(1) **diameter** of an oval, (2) a particle **diameter**

Draw a circle five centimeters in **diameter**.

spinning

n. the act of rotating rapidly around an axis; in the context of textiles, the process of twisting fibers together to form thread or yarn

synonym : whirling, rotating, spinning wheel

(1) **spinning** machine, (2) **spinning** wheel

She took a **spinning** class at the gym to improve her cardiovascular fitness.

engine

n. a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose

synonym : motor, locomotive, driver

(1) a steam **engine**, (2) an air-cooled **engine**

The policies he announces can be the **engine** of economic growth in the country.

electrify

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

interested in something

synonym : wire, amaze, astonish

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

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

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.

lukewarm

adj. moderately warm or tepid; lacking enthusiasm, interest, or vigor; uncertain or hesitant

synonym : tepid, unenthusiastic, half-hearted

(1) **lukewarm** reception, (2) **lukewarm** water

I received a **lukewarm** welcome from my new colleagues.

unfortunately

adv. by bad luck; unluckily

synonym : regrettably, unluckily, alas

(1) **unfortunately** caught in a shower, (2) even more **unfortunately**

The treatments were done but, **unfortunately**, were unsuccessful.

extend

v. to broaden in scope, range, or area

synonym : prolong, lengthen, advance

(1) **extend** the warranty, (2) **extend** a line

Her visit will **extend** from Monday to Friday.

sphere

n. a round object or geometric shape that is three-dimensional and symmetrical around a central point; a particular aspect or scope of life or activity

synonym : ball, globe, scope

(1) **sphere** of influence, (2) business **sphere**

The **sphere** of the earth is divided into several layers including the crust, mantle, and core.

crooked

adj. not straight or aligned; bent or curved to one side; not honest or fair; characterized by deception, fraud, or wrongdoing; irregular, uneven, or jagged in shape or form

synonym : bent, curved, twisted

(1) **crooked** smile, (2) **crooked** line

The table leg was **crooked**, causing all the cups to slide to one side.

electronics

n. the branch of physics and technology that deals with the behavior and control of electrons and the use of electronic devices and systems

synonym : technology, gadgets, circuitry

(1) **electronics** industry, (2) **electronics** store

The company specializes in manufacturing and selling cutting-edge **electronics**.

doable

adj. possible to do; capable of existing, taking place, or proving true

synonym : realizable, accomplishable, achievable

(1) make a **doable** plan, (2) **doable** in daily life

This project is **doable** despite the tight schedule.

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.

Session 2: Spelling

1. sq___h a package
v. to forcefully crush or flatten something; to suppress, stifle, or defeat an idea or opposition forcefully
2. the bone of a jo__t
adj. shared, held, or made between two or more people; (noun) the point of connection between two bones or elements of a skeleton
3. at_____t customers
v. to draw or entice someone or something towards them through the qualities they have, especially positive ones
4. burning of fo___l fuels
n. any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
5. s__n a top
v. to cause something to rotate rapidly; to cause someone to feel dizzy or disoriented
6. guarantee re_____le delivery
adj. worthy of being relied on; trustworthy
7. the form of a small pe___t
n. a small, round piece of compressed material, such as wood or plastic
8. a c__p of wood
n. a small fragment of something broken off from the whole; a long and thin piece of potato fried in oil or fat
9. heavy-ion fi_____n
n. the splitting of an atomic nucleus into two or smaller nuclei, releasing a large amount of energy; the process of breaking something into smaller parts or pieces

ANSWERS: 1. squash, 2. joint, 3. attract, 4. fossil, 5. spin, 6. reliable, 7. pellet, 8. chip, 9. fission

10. tra_____ or circuit *n.* a semiconductor device that can be used to amplify or switch electronic signals and power which is an essential component in modern electronics
11. sq_____ e a lemon *v.* to apply pressure from two or more sides; to hold someone or something tightly in your arms, usually with fondness
12. he____m atom *n.* a colorless, odorless, tasteless, non-toxic, inert, monatomic gas, the first in the noble gas series in the periodic table
13. se____e stick *n.* a photograph that one has taken of oneself, typically one taken with a smartphone or webcam to share on social media
14. h__e a guide *v.* to give somebody a job
15. ig_____ on system *n.* the act of starting a fire, engine, or other device; the beginning or starting point of a process or event
16. re_____ on force *n.* a feeling of intense disgust or dislike; a physical force that resists the approach or contact of two objects
17. 30-w__t light bulb *n.* a standard unit for measuring electrical power
18. rad_____ve decay *adj.* emitting powerful and dangerous energy when the nuclei (= central parts) of atoms are broken up
19. biomass f__l *n.* a substance that is typically burned to generate heat or energy

ANSWERS: 10. transistor, 11. squeeze, 12. helium, 13. selfie, 14. hire, 15. ignition, 16. repulsion, 17. watt, 18. radioactive, 19. fuel

20. de___e a word
v. to state or explain precisely the nature, scope, or meaning of something
21. pl___a membrane
n. (biology) the yellow-colored liquid component of blood, in which blood cells are suspended; (physics) one of the four fundamental states of matter consisting of positive ions and free electrons
22. re__t against his way of thinking
v. to take action in response to something
23. de___e a question
v. to make up someone's mind about something; to come to a conclusion or judgment after considering options
24. con_____nt location
adj. useful, helpful, or quick to do
25. s__n thread out of cotton
v. to cause something to rotate rapidly; to cause someone to feel dizzy or disoriented
26. pro_____ed difference
adj. clearly and distinctly expressed or noticeable; emphasized
27. b__y emotion
v. to place a dead body in the ground, grave, or tomb
28. pe___t stove
n. a small, round piece of compressed material, such as wood or plastic
29. sem_____tor industry
n. a material or substance that can conduct electricity under certain conditions but not others, often used in electronic devices
30. de__e forests
adj. containing a large number of people or something with little space between them

ANSWERS: 20. define, 21. plasma, 22. react, 23. decide, 24. convenient, 25. spin, 26. pronounced, 27. bury, 28. pellet, 29. semiconductor, 30. dense

31. to____k reactor *n.* a type of experimental facility used in nuclear fusion research that uses a magnetic field to confine a plasma in the shape of a torus to achieve controlled nuclear fusion reactions
32. re____le access *adj.* worthy of being relied on; trustworthy
33. mi____e depression *n.* the period of life between young adulthood and old age, typically characterized by a sense of maturity, stability, and sometimes, dissatisfaction or restlessness
34. vo____x formation *n.* a mass of whirling air, water, dust, or smoke, especially a whirlpool or whirlwind
35. colorless li____d *n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas
36. rusty n__l *n.* a thin, pointed piece of metal with a flat head used for fastening things together; the thin hard layer covering and protecting the outer tip of the fingers or toes
37. use of nu____r power *adj.* of or relating to or constituting the nucleus of an atom; deriving destructive energy from the release of atomic energy
38. construction of new c__l plants *n.* a combustible black or brownish-black sedimentary rock that is found below the ground and burnt to produce heat

ANSWERS: 31. tokamak, 32. reliable, 33. midlife, 34. vortex, 35. liquid, 36. nail, 37. nuclear, 38. coal

39. j__k mail *n.* discarded or unused material or objects, often considered worthless or of little value; also used to describe cheap or poorly made items or food that is high in calories but lacking in nutrition
40. no____e else to go *adv.* not in, at, or to any place; not anywhere
41. charged pa____le *n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
42. I don't care a c__p *n.* a small fragment of something broken off from the whole; a long and thin piece of potato fried in oil or fat
43. make a do____e plan *adj.* possible to do; capable of existing, taking place, or proving true
44. cr____d line *adj.* not straight or aligned; bent or curved to one side; not honest or fair; characterized by deception, fraud, or wrongdoing; irregular, uneven, or jagged in shape or form
45. s__k a lot of capital *v.* to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid substance or sink into something else
46. po__t the premise *v.* to suggest or accept something as fact or as a basis for argument or consideration
47. n__l clipper *n.* a thin, pointed piece of metal with a flat head used for fastening things together; the thin hard layer covering and protecting the outer tip of the fingers or toes

ANSWERS: 39. junk, 40. nowhere, 41. particle, 42. chip, 43. doable, 44. crooked, 45. sink, 46. posit, 47. nail

48. at_____t attention *v.* to draw or entice someone or something towards them through the qualities they have, especially positive ones
49. b__y in the earth *v.* to place a dead body in the ground, grave, or tomb
50. take ad_____ge of his weak points *n.* a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has
51. pH value of seven *n.* a measure of the acidity or alkalinity of a substance, on a scale of 0 to 14, with seven being neutral, lower values indicating greater acidity, and higher values indicating greater alkalinity
52. so__d employment measures *adj.* hard or firm; characterized by good substantial quality
53. working-class l_d *n.* a young boy or man, often used in an informal or affectionate way
54. f__e with one another *n.* a small part in an electrical device or machinery that can interrupt the flow of electrical current when it is overloaded; (verb) to become plastic or fluid or liquefied from heat
55. nu_____r fusion *adj.* of or relating to or constituting the nucleus of an atom; deriving destructive energy from the release of atomic energy
56. moralize a fa__e *n.* a short story, often with animal characters, that teaches a general truth or a moral lesson

ANSWERS: 48. attract, 49. bury, 50. advantage, 51. ph, 52. solid, 53. lad, 54. fuse, 55. nuclear, 56. fable

57. tr____on cubic feet *n.* the number 1,000,000,000,000; a million million
58. the atmospheric tem_____re *n.* the degree of hotness or coldness of a thing or place
59. 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
60. ma_____ic field *adj.* having the properties of attracting or repelling certain materials containing iron or steel
61. heat fu____n *n.* the process of combining two or more things to form a single entity
62. 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
63. a jo__t venture *adj.* shared, held, or made between two or more people; (noun) the point of connection between two bones or elements of a skeleton
64. na____n-state *n.* a large organized community of people living in a particular country or region and having a particular culture
65. ig_____on switch *n.* the act of starting a fire, engine, or other device; the beginning or starting point of a process or event

ANSWERS: 57. trillion, 58. temperature, 59. pump, 60. magnetic, 61. fusion, 62. pump, 63. joint, 64. nation, 65. ignition

66. fa____ty design *n.* a building or place that provides a particular service or is used for a particular industry
67. be killed in _____ly *adv.* immediately
68. ste_____red factory *adj.* powered by steam, typically referring to machinery or systems that use steam as a source of energy or propulsion
69. re__t at a high temperature *v.* to take action in response to something
70. ga___e repair *n.* a building or part of a building used to store a vehicle or vehicles, typically a car
71. col_____ion between companies *n.* the act or situation of working together to create or produce something
72. data com_____on *n.* the act or process of pressing or squeezing something together, often using force or pressure; (of physics) the reduction of volume or increase in pressure of a gas or fluid
73. inefficient fossil fuel su____y *n.* money paid by a government or an organization as part of the cost of something to aid or encourage it to happen
74. lu_____rm reception *adj.* moderately warm or tepid; lacking enthusiasm, interest, or vigor; uncertain or hesitant
75. el_____fy the audience *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something

ANSWERS: 66. facility, 67. instantly, 68. steam-powered, 69. react, 70. garage, 71. collaboration, 72. compression, 73. subsidy, 74. lukewarm, 75. electrify

76. b_g bites *n.* any tiny insect; a fault or defect in a computer program, system, or machine
77. do__h for pastry *n.* a mixture of flour, liquid, and other ingredients, typically used to make bread, pastry, or pasta
78. ele_____cs store *n.* the branch of physics and technology that deals with the behavior and control of electrons and the use of electronic devices and systems
79. ab___b energy *v.* to take in a fluid or other substance gradually
80. dr__t down the stream *v.* to move smoothly and slowly in water or air, especially as a result of outside forces, with no control over the direction
81. con_____nt way *adj.* useful, helpful, or quick to do
82. acc_____te a chemical reaction *v.* to make something faster or earlier; to cause to develop or progress more quickly
83. s__k a buzzer-beater *v.* to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid substance or sink into something else
84. local l_d *n.* a young boy or man, often used in an informal or affectionate way
85. abs_____ly obsessed with the girl *adv.* without restriction or limitation; completely or utterly
86. business sp___e *n.* a round object or geometric shape that is three-dimensional and symmetrical around a central point; a particular aspect or scope of life or activity

ANSWERS: 76. bug, 77. dough, 78. electronics, 79. absorb, 80. drift, 81. convenient, 82. accelerate, 83. sink, 84. lad, 85. absolutely, 86. sphere

87. high-temperature pl___a *n.* (biology) the yellow-colored liquid component of blood, in which blood cells are suspended; (physics) one of the four fundamental states of matter consisting of positive ions and free electrons
88. sem_____tor device *n.* a material or substance that can conduct electricity under certain conditions but not others, often used in electronic devices
89. aft_____ght comment *n.* a thought or idea that comes to mind after the fact, often too late to be of much use; something that is added or considered belatedly, especially in speech or writing
90. d_t blot method *n.* a very small circular mark, especially one that is printed
91. medical l_b *n.* a workplace for the conduct of scientific research; a laboratory
92. b__g his fist on a desk *v.* to hit or cause to hit something in a way that makes a loud noise
93. co_____ss gas *v.* to press or squeeze together to make something take up less space
94. co_____ss the chest *v.* to press or squeeze together to make something take up less space
95. financial cr___s *n.* a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken

ANSWERS: 87. plasma, 88. semiconductor, 89. afterthought, 90. dot, 91. lab, 92. bang, 93. compress, 94. compress, 95. crisis

96. a bu__h of trees *n.* a grouping of several similar things which are growing or fastened together
97. ma___t attraction *n.* an object or substance that can attract certain materials, such as iron or steel
98. set a t__p *n.* a piece of equipment or hole for catching animals or people; (verb) to catch animals or people and prevent them from escaping
99. learning cu__e *n.* a bend or angle in a line or surface that deviates from a straight or flat path; a gradual or smooth change in direction or shape
100. a seafaring na___n *n.* a large organized community of people living in a particular country or region and having a particular culture
101. ste_____red ship *adj.* powered by steam, typically referring to machinery or systems that use steam as a source of energy or propulsion
102. a cell phone with an internet fa____ty *n.* a building or place that provides a particular service or is used for a particular industry
103. im_____e the test score *v.* to make or become better
104. pose for a se___e *n.* a photograph that one has taken of oneself, typically one taken with a smartphone or webcam to share on social media
105. fu___n cuisine *n.* the process of combining two or more things to form a single entity
106. de__y a flight three hours *v.* to cause something to happen at a later time than originally intended or expected

ANSWERS: 96. bunch, 97. magnet, 98. trap, 99. curve, 100. nation, 101. steam-powered, 102. facility, 103. improve, 104. selfie, 105. fusion, 106. delay

107. an air-cooled en___e *n.* a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose
108. ele_____cs industry *n.* the branch of physics and technology that deals with the behavior and control of electrons and the use of electronic devices and systems
109. c__l wire *v.* to wind something in a spiral or helical shape; to create a coil or coil-like shape; to group or organize something closely together in a circular or spiral pattern
110. so__d ally *adj.* hard or firm; characterized by good substantial quality
111. b__s against a big company *n.* a strong feeling in favor of or against one group of people, an idea, or thing, often not based on fair judgment
112. he___m gas *n.* a colorless, odorless, tasteless, non-toxic, inert, monatomic gas, the first in the noble gas series in the periodic table
113. ind_____us student *adj.* hardworking, diligent, and persistent in effort
114. there is no other alt_____ve *n.* one of two or more available possibilities or choice
115. a particle di_____er *n.* the length of a straight line passing through the center of a circle and connecting two points on the circumference

ANSWERS: 107. engine, 108. electronics, 109. coil, 110. solid, 111. bias, 112. helium, 113. industrious, 114. alternative, 115. diameter

116. b__e him with his stories *v.* to make someone feel weary or uninterested, often by talking at length about uninteresting or mundane topics; to cause someone to feel bored or unengaged; (noun) a hole or tunnel drilled or dug into the ground, either for exploration or extraction of natural resources
117. work do__h *n.* a mixture of flour, liquid, and other ingredients, typically used to make bread, pastry, or pasta
118. de___e on a course of action *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
119. cr___s management *n.* a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken
120. sq___h a rebellion *v.* to forcefully crush or flatten something; to suppress, stifle, or defeat an idea or opposition forcefully
121. re_____le energy *adj.* capable of being renewed, extended, or replaced
122. a large v_t for fermenting beer *n.* a large container, especially one used for storing or holding liquids
123. classic fa__e *n.* a short story, often with animal characters, that teaches a general truth or a moral lesson
124. sq_____e a confession *v.* to apply pressure from two or more sides; to hold someone or something tightly in your arms, usually with fondness

ANSWERS: 116. bore, 117. dough, 118. decide, 119. crisis, 120. squash, 121. renewable, 122. vat, 123. fable, 124. squeeze

125. 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
126. pro_____on of civilization *n.* the act or process of changing to the next stage or phase or moving forward
127. a com_____ed process *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
128. ne_____n acceleration *n.* a subatomic particle with no electric charge that is present in all atomic nuclei except those of ordinary hydrogen
129. a steam en___e *n.* a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose
130. become increasingly com_____ed *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
131. sat_____ory performance *adj.* meeting the requirements or expectations; acceptable
132. 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
133. yield cu___e *n.* a bend or angle in a line or surface that deviates from a straight or flat path; a gradual or smooth change in direction or shape

ANSWERS: 125. planet, 126. progression, 127. complicated, 128. neutron, 129. engine, 130. complicated, 131. satisfactory, 132. planet, 133. curve

134. electrical ga___e door *n.* a building or part of a building used to store a vehicle or vehicles, typically a car
135. gr__h theory *n.* a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other
136. pro_____on of disease *n.* the act or process of changing to the next stage or phase or moving forward
137. a bu__h of schoolgirls *n.* a grouping of several similar things which are growing or fastened together
138. di_____er of an oval *n.* the length of a straight line passing through the center of a circle and connecting two points on the circumference
139. even more unf_____ely *adv.* by bad luck; unluckily
140. 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
141. 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
142. b__m of light *n.* a long, sturdy piece of timber, metal, or other material used to support a structure or span a distance; a ray or stream of light emitted by a source

ANSWERS: 134. garage, 135. graph, 136. progression, 137. bunch, 138. diameter, 139. unfortunately, 140. process, 141. degree, 142. beam

143. a structural b__m of a building *n.* a long, sturdy piece of timber, metal, or other material used to support a structure or span a distance; a ray or stream of light emitted by a source
144. do___e in daily life *adj.* possible to do; capable of existing, taking place, or proving true
145. el_____fy a manufacturing process *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
146. w__t per square meter *n.* a standard unit for measuring electrical power
147. cr_____d smile *adj.* not straight or aligned; bent or curved to one side; not honest or fair; characterized by deception, fraud, or wrongdoing; irregular, uneven, or jagged in shape or form
148. in_____ly cope with *adv.* immediately
149. a ma_____ic tape *adj.* having the properties of attracting or repelling certain materials containing iron or steel
150. da___e assessment *v.* to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity
151. clearly-pro_____ed utterances *adj.* clearly and distinctly expressed or noticeable; emphasized

ANSWERS: 143. beam, 144. doable, 145. electrify, 146. watt, 147. crooked, 148. instantly, 149. magnetic, 150. damage, 151. pronounced

152. ex___d a line *v.* to broaden in scope, range, or area
153. an_____ce the award winners *v.* to make something known or officially inform people about something
154. a s__m battle *n.* something that is not as good or true as it seems to be and is intended to deceive people; a person who pretends to be something they are not
155. 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
156. 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
157. an aft_____ght decision *n.* a thought or idea that comes to mind after the fact, often too late to be of much use; something that is added or considered belatedly, especially in speech or writing
158. 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
159. hunk of j__k *n.* discarded or unused material or objects, often considered worthless or of little value; also used to describe cheap or poorly made items or food that is high in calories but lacking in nutrition

ANSWERS: 152. extend, 153. announce, 154. sham, 155. universe, 156. degree, 157. afterthought, 158. crack, 159. junk

- | | |
|------------------------------|---|
| 160. connecting the d_ts | <i>n.</i> a very small circular mark, especially one that is printed |
| 161. re_____le subscriptions | <i>adj.</i> capable of being renewed, extended, or replaced |
| 162. commercial j_t | <i>n.</i> a type of aircraft that is powered by one or more jet engines and can fly at high speeds, typically over long distances |
| 163. turn out to be all s__m | <i>n.</i> something that is not as good or true as it seems to be and is intended to deceive people; a person who pretends to be something they are not |
| 164. a mi_____ss of comedy | <i>n.</i> a woman who has an ongoing extramarital sexual relationship with a, often, married man; a woman who is in a position of authority or control and directs the work of others |
| 165. c__l an arm | <i>v.</i> to wind something in a spiral or helical shape; to create a coil or coil-like shape; to group or organize something closely together in a circular or spiral pattern |
| 166. v_t of acid | <i>n.</i> a large container, especially one used for storing or holding liquids |
| 167. blow in a vo___x | <i>n.</i> a mass of whirling air, water, dust, or smoke, especially a whirlpool or whirlwind |
| 168. art cr___c | <i>n.</i> someone who expresses opinions about the quality of books, music, etc. |
| 169. theoretical ph_____st | <i>n.</i> a scientist who specializes in the field of physics |

ANSWERS: 160. dot, 161. renewable, 162. jet, 163. sham, 164. mistress, 165. coil, 166. vat, 167. vortex, 168. critic, 169. physicist

170. unf_____ely caught in a shower *adv.* by bad luck; unluckily
171. po__t the existence of life after death *v.* to suggest or accept something as fact or as a basis for argument or consideration
172. im_____e a process *v.* to make or become better
173. pi___n ring *n.* a cylindrical component of an engine, such as in a car or a pump, that moves back and forth inside a cylinder and transmits power
174. keep a mi_____ss *n.* a woman who has an ongoing extramarital sexual relationship with a, often, married man; a woman who is in a position of authority or control and directs the work of others
175. pa_____le energy *n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
176. de___e my position *v.* to state or explain precisely the nature, scope, or meaning of something
177. da___e a relationship *v.* to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity
178. pr_____s improvement *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

ANSWERS: 170. unfortunately, 171. posit, 172. improve, 173. piston, 174. mistress, 175. particle, 176. define, 177. damage, 178. process

179. 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
180. ex_____ge a few friendly words *v.* to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded
181. number of b_g fixes *n.* any tiny insect; a fault or defect in a computer program, system, or machine
182. the antiparticle of a ne_____n *n.* a subatomic particle with no electric charge that is present in all atomic nuclei except those of ordinary hydrogen
183. h__e a car by the hour *v.* to give somebody a job
184. b__g a phone down *v.* to hit or cause to hit something in a way that makes a loud noise
185. severe cr____c *n.* someone who expresses opinions about the quality of books, music, etc.
186. 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)
187. lu_____rm water *adj.* moderately warm or tepid; lacking enthusiasm, interest, or vigor; uncertain or hesitant

ANSWERS: 179. universe, 180. exchange, 181. bug, 182. neutron, 183. hire, 184. bang, 185. critic, 186. inject, 187. lukewarm

188. come out of no____e *adv.* not in, at, or to any place; not anywhere
189. la__r printer *n.* a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification
190. sp___e of influence *n.* a round object or geometric shape that is three-dimensional and symmetrical around a central point; a particular aspect or scope of life or activity
191. b__e diameter *v.* to make someone feel weary or uninterested, often by talking at length about uninteresting or mundane topics; to cause someone to feel bored or unengaged; (noun) a hole or tunnel drilled or dug into the ground, either for exploration or extraction of natural resources
192. de__y the new project *v.* to cause something to happen at a later time than originally intended or expected
193. ex_____ge rate *v.* to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded
194. aw_____e mental faculty *adj.* inspiring fear, admiration, or respect; very good, nice, fun, etc.

ANSWERS: 188. nowhere, 189. laser, 190. sphere, 191. bore, 192. delay, 193. exchange, 194. awesome

195. the nu_____s of a team *n.* the central and most important part of something; (biology) a part of the cell containing DNA and RNA and responsible for growth and reproduction; (physics) the very dense central region of an atom
196. tu_____e aerofoil *n.* a machine that rotates to generate power from fluids such as water or gas
197. sense of re_____on *n.* a feeling of intense disgust or dislike; a physical force that resists the approach or contact of two objects
198. an alt_____ve plan *n.* one of two or more available possibilities or choice
199. ab___b a shock *v.* to take in a fluid or other substance gradually
200. pulse la__r *n.* a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification
201. ph scale *n.* a measure of the acidity or alkalinity of a substance, on a scale of 0 to 14, with seven being neutral, lower values indicating greater acidity, and higher values indicating greater alkalinity
202. m__t the ice *v.* to turn from something solid into something soft or liquid as a result of heating
203. permanent ma____t *n.* an object or substance that can attract certain materials, such as iron or steel

ANSWERS: 195. nucleus, 196. turbine, 197. repulsion, 198. alternative, 199. absorb, 200. laser, 201. ph, 202. melt, 203. magnet

204. z_p bar code *v.* to strike, destroy, get rid of, or kill something or someone suddenly and with force
205. t__p an animal *n.* a piece of equipment or hole for catching animals or people; (verb) to catch animals or people and prevent them from escaping
206. nutrient-de__e foods *adj.* containing a large number of people or something with little space between them
207. smokeless f__l *n.* a substance that is typically burned to generate heat or energy
208. acc_____te the car *v.* to make something faster or earlier; to cause to develop or progress more quickly
209. sp_____ng machine *n.* the act of rotating rapidly around an axis; in the context of textiles, the process of twisting fibers together to form thread or yarn
210. 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)
211. 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
212. tra_____or radio *n.* a semiconductor device that can be used to amplify or switch electronic signals and power which is an essential component in modern electronics

ANSWERS: 204. zap, 205. trap, 206. dense, 207. fuel, 208. accelerate, 209. spinning, 210. inject, 211. crack, 212. transistor

213. talented ph_____st
214. form a nu_____s
215. f__e blows
216. abs_____ly against
217. tu_____e energy
218. an_____ce candidacy
219. botanical ex_____t
220. a fo___l leaf
221. mi_____e changes
- n.* a scientist who specializes in the field of physics
- n.* the central and most important part of something; (biology) a part of the cell containing DNA and RNA and responsible for growth and reproduction; (physics) the very dense central region of an atom
- n.* a small part in an electrical device or machinery that can interrupt the flow of electrical current when it is overloaded; (verb) to become plastic or fluid or liquefied from heat
- adv.* without restriction or limitation; completely or utterly
- n.* a machine that rotates to generate power from fluids such as water or gas
- v.* to make something known or officially inform people about something
- 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
- n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
- n.* the period of life between young adulthood and old age, typically characterized by a sense of maturity, stability, and sometimes, dissatisfaction or restlessness

ANSWERS: 213. physicist, 214. nucleus, 215. fuse, 216. absolutely, 217. turbine, 218. announce, 219. extract, 220. fossil, 221. midlife

222. atomic fi_____n
- n.* the splitting of an atomic nucleus into two or smaller nuclei, releasing a large amount of energy; the process of breaking something into smaller parts or pieces
223. have an aw_____e birthday
- adj.* inspiring fear, admiration, or respect; very good, nice, fun, etc.
224. many tr_____ons of dollars
- n.* the number 1,000,000,000,000; a million million
225. l_b instrument
- n.* a workplace for the conduct of scientific research; a laboratory
226. a gr__h sample
- n.* a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other
227. experimental to_____k
- n.* a type of experimental facility used in nuclear fusion research that uses a magnetic field to confine a plasma in the shape of a torus to achieve controlled nuclear fusion reactions
228. extreme tem_____res
- n.* the degree of hotness or coldness of a thing or place
229. com_____on garment
- n.* the act or process of pressing or squeezing something together, often using force or pressure; (of physics) the reduction of volume or increase in pressure of a gas or fluid
230. hazardous li____d
- n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas

ANSWERS: 222. fission, 223. awesome, 224. trillion, 225. lab, 226. graph, 227. tokamak, 228. temperature, 229. compression, 230. liquid

231. z_p a huge target *v.* to strike, destroy, get rid of, or kill something or someone suddenly and with force
232. m__t down gold *v.* to turn from something solid into something soft or liquid as a result of heating
233. col_____ion platform *n.* the act or situation of working together to create or produce something
234. air pi___n *n.* a cylindrical component of an engine, such as in a car or a pump, that moves back and forth inside a cylinder and transmits power
235. a c__l-fired ship *n.* a combustible black or brownish-black sedimentary rock that is found below the ground and burnt to produce heat
236. score an ad_____ge *n.* a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has
237. 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
238. sat_____ory outcome *adj.* meeting the requirements or expectations; acceptable
239. sp_____ng wheel *n.* the act of rotating rapidly around an axis; in the context of textiles, the process of twisting fibers together to form thread or yarn

ANSWERS: 231. zap, 232. melt, 233. collaboration, 234. piston, 235. coal, 236. advantage, 237. extract, 238. satisfactory, 239. spinning

240. a su____y for research *n.* money paid by a government or an organization as part of the cost of something to aid or encourage it to happen
241. have a b__s toward socialism *n.* a strong feeling in favor of or against one group of people, an idea, or thing, often not based on fair judgment
242. ind_____us worker *adj.* hardworking, diligent, and persistent in effort
243. ex___d the warranty *v.* to broaden in scope, range, or area
244. rad_____ve isotope *adj.* emitting powerful and dangerous energy when the nuclei (= central parts) of atoms are broken up
245. dr__t away on a raft *v.* to move smoothly and slowly in water or air, especially as a result of outside forces, with no control over the direction
246. private j_t *n.* a type of aircraft that is powered by one or more jet engines and can fly at high speeds, typically over long distances

ANSWERS: 240. subsidy, 241. bias, 242. industrious, 243. extend, 244. radioactive, 245. drift, 246. jet

Session 3: Fill in the Blanks

1. The government provided a considerable _____ to the company.
n. money paid by a government or an organization as part of the cost of something to aid or encourage it to happen
2. The Chinese word for _____ comprises two characters, one for danger and the other for opportunity.
n. a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken
3. During the surgery, the doctor had to be extremely cautious not to _____ a blood vessel.
v. to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity
4. The government is eager to _____ international investment.
v. to draw or entice someone or something towards them through the qualities they have, especially positive ones
5. The _____ force of the earth keeps our planet spinning.
adj. having the properties of attracting or repelling certain materials containing iron or steel
6. Draw a circle five centimeters in _____.
n. the length of a straight line passing through the center of a circle and connecting two points on the circumference

ANSWERS: 1. subsidy, 2. crisis, 3. damage, 4. attract, 5. magnetic, 6. diameter

7. 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
8. Blood _____ makes up about half of the volume of blood.
- n.* (biology) the yellow-colored liquid component of blood, in which blood cells are suspended; (physics) one of the four fundamental states of matter consisting of positive ions and free electrons
9. Advocates for legal reform hear less harsh words from their _____.
- n.* someone who expresses opinions about the quality of books, music, etc.
10. Scientists at the research facility are working on the latest _____ reactor to harness clean energy from nuclear fusion.
- n.* a type of experimental facility used in nuclear fusion research that uses a magnetic field to confine a plasma in the shape of a torus to achieve controlled nuclear fusion reactions
11. We should always be prepared to _____ talented recruits.
- v.* to give somebody a job
12. Her resistance _____ under his persuasion.
- v.* to turn from something solid into something soft or liquid as a result of heating
13. 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
14. The enemy fell right into the _____.
- n.* a piece of equipment or hole for catching animals or people; (verb) to catch animals or people and prevent them from escaping

ANSWERS: 7. universe, 8. plasma, 9. critics, 10. tokamak, 11. hire, 12. melted, 13. planet, 14. trap

15. She _____ the toothpaste tube from the middle to get the last bit out.
- v.* to apply pressure from two or more sides; to hold someone or something tightly in your arms, usually with fondness
16. The company has made great strides in its _____ toward sustainability.
- n.* the act or process of changing to the next stage or phase or moving forward
17. The table leg was _____ causing all the cups to slide to one side.
- adj.* not straight or aligned; bent or curved to one side; not honest or fair; characterized by deception, fraud, or wrongdoing; irregular, uneven, or jagged in shape or form
18. The Prime Minister will pay a courtesy visit to the Nobel laureate's _____.
- n.* a workplace for the conduct of scientific research; a laboratory
19. She took a _____ in front of the famous tower and shared it on the app.
- n.* a photograph that one has taken of oneself, typically one taken with a smartphone or webcam to share on social media
20. The sponge _____ water well.
- v.* to take in a fluid or other substance gradually
21. 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
22. 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

ANSWERS: 15. squeezed, 16. progression, 17. crooked, 18. lab, 19. selfie, 20. absorbs, 21. pump, 22. liquid

23. The _____ of the tornado was massive and destructive.

n. a mass of whirling air, water, dust, or smoke, especially a whirlpool or whirlwind

24. How did he _____ to your idea?

v. to take action in response to something

25. The chef's herbs and spices gave the dish a _____ flavor.

adj. clearly and distinctly expressed or noticeable; emphasized

26. He was known to be very _____ and would often work late into the night.

adj. hardworking, diligent, and persistent in effort

27. The _____ in the road was so sharp that I had to slow down to navigate it safely.

n. a bend or angle in a line or surface that deviates from a straight or flat path; a gradual or smooth change in direction or shape

28. The sun's _____ shone through the window and illuminated the room.

n. a long, sturdy piece of timber, metal, or other material used to support a structure or span a distance; a ray or stream of light emitted by a source

29. The product developed through years of research continues to _____ the market.

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

30. The company develops and sells _____ memory for use in computers and servers.

n. a material or substance that can conduct electricity under certain conditions but not others, often used in electronic devices

ANSWERS: 23. vortex, 24. react, 25. pronounced, 26. industrious, 27. curve, 28. beam, 29. electrify, 30. semiconductor

31. The _____ material was carefully stored in a lead-lined container.

adj. emitting powerful and dangerous energy when the nuclei (= central parts) of atoms are broken up

32. My sister and I frequently _____ books, as we love reading.

v. to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded

33. The wind _____ were spinning rapidly, generating clean energy for the nearby town.

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

34. She _____ the files into a single ZIP archive to save space on her computer.

v. to press or squeeze together to make something take up less space

35. This bar _____ shows sales over the past five years.

n. a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other

36. We can calculate the position of the _____ statistically.

n. a small piece of something; a word or piece of a term with grammatical function but little or no significance

37. He has a short _____.

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

ANSWERS: 31. radioactive, 32. exchange, 33. turbines, 34. compressed, 35. graph, 36. particles, 37. fuse

38. Her visit will _____ from Monday to Friday.
v. to broaden in scope, range, or area
39. Cities around the world set records for highest _____ this summer.
n. the degree of hotness or coldness of a thing or place
40. The government tried to _____ the commercialization of this development.
v. to make something faster or earlier; to cause to develop or progress more quickly
41. This project is _____ despite the tight schedule.
adj. possible to do; capable of existing, taking place, or proving true
42. The ___ flew over the ocean at high speed, reaching its destination in hours.
n. a type of aircraft that is powered by one or more jet engines and can fly at high speeds, typically over long distances
43. A _____ star is incredibly dense and has a strong gravitational pull.
n. a subatomic particle with no electric charge that is present in all atomic nuclei except those of ordinary hydrogen
44. The wallpaper had a pattern of pink _____ on a white surface.
n. a very small circular mark, especially one that is printed
45. Forgetting to mention our meeting was just an _____ for him.
n. a thought or idea that comes to mind after the fact, often too late to be of much use; something that is added or considered belatedly, especially in speech or writing

ANSWERS: 38. extend, 39. temperatures, 40. accelerate, 41. doable, 42. jet, 43. neutron, 44. dots, 45. afterthought

46. To advance this discussion, we must _____ "success" rigorously.
- v.* to state or explain precisely the nature, scope, or meaning of something
47. One of the main _____ of the new product is its increased efficiency.
- n.* a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has
48. 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
49. In his speech, he quoted a passage from a well-known _____.
- n.* a short story, often with animal characters, that teaches a general truth or a moral lesson
50. I like to _____ my grapes when making homemade wine.
- v.* to forcefully crush or flatten something; to suppress, stifle, or defeat an idea or opposition forcefully
51. The doctor recommended a _____ bandage to reduce swelling in the injured area.
- n.* the act or process of pressing or squeezing something together, often using force or pressure; (of physics) the reduction of volume or increase in pressure of a gas or fluid
52. The _____ train was a popular mode of transportation during the Industrial Revolution.
- adj.* powered by steam, typically referring to machinery or systems that use steam as a source of energy or propulsion

ANSWERS: 46. define, 47. advantages, 48. crack, 49. fable, 50. squash, 51. compression, 52. steam-powered

53. The invention of the _____ revolutionized the field of electronics.
n. a semiconductor device that can be used to amplify or switch electronic signals and power which is an essential component in modern electronics
54. The sight of spiders fills me with _____.
n. a feeling of intense disgust or dislike; a physical force that resists the approach or contact of two objects
55. The airport offers five _____ access routes.
adj. useful, helpful, or quick to do
56. 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
57. The _____ in my car's engine needs to be replaced.
n. a cylindrical component of an engine, such as in a car or a pump, that moves back and forth inside a cylinder and transmits power
58. The _____ gun was used to shoot small metal balls.
n. a small, round piece of compressed material, such as wood or plastic
59. The _____ for applying for a visa can be lengthy and complicated.
n. a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
60. The _____ of water is called ice.
adj. hard or firm; characterized by good substantial quality

ANSWERS: 53. transistor, 54. repulsion, 55. convenient, 56. complicated, 57. piston, 58. pellet, 59. process, 60. solid-state

61. He parked his car in the private _____.
- n.* a building or part of a building used to store a vehicle or vehicles, typically a car
62. Trains are _____ inexpensive, and ideal for long-distance travel.
- adj.* worthy of being relied on; trustworthy
63. The entire mountain is covered in _____ rainforest.
- adj.* containing a large number of people or something with little space between them
64. Nuclear _____ is the process of splitting an atom into two smaller ones.
- n.* the splitting of an atomic nucleus into two or smaller nuclei, releasing a large amount of energy; the process of breaking something into smaller parts or pieces
65. The tornado is _____ across the countryside, destroying everything in its path.
- v.* to cause something to rotate rapidly; to cause someone to feel dizzy or disoriented
66. The _____ of the earth is divided into several layers including the crust, mantle, and core.
- n.* a round object or geometric shape that is three-dimensional and symmetrical around a central point; a particular aspect or scope of life or activity
67. I _____ around for years in Europe before going to university.
- v.* to move smoothly and slowly in water or air, especially as a result of outside forces, with no control over the direction
68. The data he prepared was completely _____.
- n.* something that is not as good or true as it seems to be and is intended to deceive people; a person who pretends to be something they are not

ANSWERS: 61. garage, 62. reliable, 63. dense, 64. fission, 65. spinning, 66. sphere, 67. drifted, 68. sham

69. There is a lot of _____ nature and food in Hawaii.

adj. inspiring fear, admiration, or respect; very good, nice, fun, etc.

70. We _____ the payment because of an incorrect invoice.

v. to cause something to happen at a later time than originally intended or expected

71. The policies he announces can be the _____ of economic growth in the country.

n. a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose

72. The abandoned ship slowly began to _____ into the murky waters of the harbor.

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

73. She mixed flour, yeast, sugar, and water to make _____ for the bread.

n. a mixture of flour, liquid, and other ingredients, typically used to make bread, pastry, or pasta

74. The third season of the anime show has been _____.

v. to make something known or officially inform people about something

75. The restaurant owner bought a large _____ of cooking oil for frying.

n. a large container, especially one used for storing or holding liquids

76. Doctors are gradually coming around to the idea of using _____ medicines.

n. one of two or more available possibilities or choice

ANSWERS: 69. awesome, 70. delayed, 71. engine, 72. sink, 73. dough, 74. announced, 75. vat, 76. alternative

77. We want to _____ ties between our two countries.

v. to make or become better

78. One light year is nearly 6 _____ miles.

n. the number 1,000,000,000,000; a million million

79. The MRI machine uses _____ to produce images of the body's internal organs.

n. an object or substance that can attract certain materials, such as iron or steel

80. The results of the test were _____ and met our expectations.

adj. meeting the requirements or expectations; acceptable

81. This company has an entire recycling _____ including major reprocessing plants.

n. a building or place that provides a particular service or is used for a particular industry

82. One bad apple spoils the whole _____.

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

83. She researched gender _____ in politics.

n. a strong feeling in favor of or against one group of people, an idea, or thing, often not based on fair judgment

84. It was the _____ of a dinosaur tooth.

n. any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock

ANSWERS: 77. improve, 78. trillion, 79. magnets, 80. satisfactory, 81. facility, 82. bunch, 83. bias, 84. fossil

85. We combust _____ and other fossil fuels to generate electricity.
n. a combustible black or brownish-black sedimentary rock that is found below the ground and burnt to produce heat
86. The company holds patents on core components of _____ jet printers.
n. a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification
87. Several hectares of land are needed to generate more than 1-mega_____ solar power.
n. a standard unit for measuring electrical power
88. The _____ scarcity most severely impacted the manufacturing sector
n. a substance that is typically burned to generate heat or energy
89. I received a _____ welcome from my new colleagues.
adj. moderately warm or tepid; lacking enthusiasm, interest, or vigor; uncertain or hesitant
90. The production of _____ fuels requires massive volumes of fresh water.
adj. capable of being renewed, extended, or replaced
91. There is plenty of space to _____ everyone.
v. to place a dead body in the ground, grave, or tomb
92. My father tried to _____ mathematics into my head since childhood.
v. to hit or cause to hit something in a way that makes a loud noise
93. She carefully _____ the rope so that it wouldn't tangle.
v. to wind something in a spiral or helical shape; to create a coil or coil-like shape; to group or organize something closely together in a circular or spiral pattern

ANSWERS: 85. coal, 86. laser, 87. watt, 88. fuel, 89. lukewarm, 90. renewable, 91. bury, 92. bang, 93. coiled

94. I remembered that person _____ and never forgot.

adv. immediately

95. He used a hammer and round _____ to fix the loose board on the fence.

n. a thin, pointed piece of metal with a flat head used for fastening things together; the thin hard layer covering and protecting the outer tip of the fingers or toes

96. We should _____ several hypotheses to discuss the matter.

v. to suggest or accept something as fact or as a basis for argument or consideration

97. The _____ of Japan is known for its unique culture and advanced technology.

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

98. She couldn't _____ whether to order the pizza or the pasta for dinner.

v. to make up someone's mind about something; to come to a conclusion or judgment after considering options

99. The partnership program requires a mutual _____ between both agencies.

n. the act or situation of working together to create or produce something

100. Einstein was an outstanding and famous _____ of the 20th century.

n. a scientist who specializes in the field of physics

101. The older man gave the young _____ some helpful life advice.

n. a young boy or man, often used in an informal or affectionate way

ANSWERS: 94. instantly, 95. nail, 96. posit, 97. nation, 98. decide, 99. collaboration, 100. physicist, 101. lad

102. The ___ level of this soil is too acidic for these types of plants.

- n.* a measure of the acidity or alkalinity of a substance, on a scale of 0 to 14, with seven being neutral, lower values indicating greater acidity, and higher values indicating greater alkalinity

103. She used to be his _____ before the death of his first wife.

- n.* a woman who has an ongoing extramarital sexual relationship with a, often, married man; a woman who is in a position of authority or control and directs the work of others

104. I need to clear out some of the _____ in my garage.

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

105. She took a _____ class at the gym to improve her cardiovascular fitness.

- n.* the act of rotating rapidly around an axis; in the context of textiles, the process of twisting fibers together to form thread or yarn

106. They provided allies with powerful weapons that could ___ the enemy from thousands of miles away.

- v.* to strike, destroy, get rid of, or kill something or someone suddenly and with force

107. DNA is stored in the _____ of a cell.

- n.* the central and most important part of something; (biology) a part of the cell containing DNA and RNA and responsible for growth and reproduction; (physics) the very dense central region of an atom

108. The _____ balloons floated into the sky.

- n.* a colorless, odorless, tasteless, non-toxic, inert, monatomic gas, the first in the noble gas series in the periodic table

ANSWERS: 102. pH, 103. mistress, 104. junk, 105. spinning, 106. zap, 107. nucleus, 108. helium-filled

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

adv. without restriction or limitation; completely or utterly

110. 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

111. Nuclear _____ is a process in which atomic nuclei combine to form heavier nuclei.

n. the process of combining two or more things to form a single entity

112. I found a stink ____ crawling across the ceiling.

n. any tiny insect; a fault or defect in a computer program, system, or machine

113. The treatments were done but, _____ were unsuccessful.

adv. by bad luck; unluckily

114. I've been thinking all day and getting _____.

adv. not in, at, or to any place; not anywhere

115. After the summit meeting, the prime ministers issued a _____ statement.

adj. shared, held, or made between two or more people; (noun) the point of connection between two bones or elements of a skeleton

116. 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)

117. The lecture on quantum physics _____ me to tears.

v. to make someone feel weary or uninterested, often by talking at length about uninteresting or mundane topics; to cause someone to feel bored or unengaged; (noun) a hole or tunnel drilled or dug into the ground, either for exploration or extraction of natural resources

ANSWERS: 109. absolutely, 110. degree, 111. fusion, 112. bug, 113. unfortunately, 114. nowhere, 115. joint, 116. inject, 117. bored

118. The company specializes in manufacturing and selling cutting-edge _____.

- n.* the branch of physics and technology that deals with the behavior and control of electrons and the use of electronic devices and systems

119. 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

120. We can use this campaign as a bargaining _____ in the negotiations.

- n.* a small fragment of something broken off from the whole; a long and thin piece of potato fried in oil or fat

121. Many countries have now agreed to a treaty banning the use of _____ weapons.

- adj.* of or relating to or constituting the nucleus of an atom; deriving destructive energy from the release of atomic energy

122. My car's _____ wouldn't turn over, so I had to call a mechanic.

- n.* the act of starting a fire, engine, or other device; the beginning or starting point of a process or event

123. Many people go through a _____ crisis and contemplate major life changes.

- n.* the period of life between young adulthood and old age, typically characterized by a sense of maturity, stability, and sometimes, dissatisfaction or restlessness

ANSWERS: 118. electronics, 119. extracting, 120. chip, 121. nuclear, 122. ignition, 123. midlife