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Vocabulary Builder Reference from...

Joi Ito: Want to innovate? Become a "now-ist" | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

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**.

faculty *n.* an inborn or natural ability to hear, see, think, move, etc.; a department or group of the university concerned with a major division of knowledge

synonym: capability, talent, aptitude

(1) a member of the **faculty**, (2) the illative **faculty** of the mind

This university's computer science **faculty** is world distinguished.

midnight *n.* the middle point of the night, usually defined as 12:00 AM or the start of a new day

synonym: middle of the night, witching hour

(1) **midnight** snack, (2) **midnight** shift

I stayed up until **midnight** watching my favorite movie.

magnitude

n. the extent, level, importance, or amount of something
synonym : size, extent, level

(1) a star of the first **magnitude**, (2) the **magnitude** of the disaster

The **magnitude** of the earthquake was measured at 7.8 on the Richter scale.

earthquake

n. a sudden and violent shaking of the ground caused by the movement of rock beneath the earth's surface

synonym : seismic activity, tremor, temblor

(1) an **earthquake** zone, (2) an **earthquake-proof**

The violent **earthquake** caused widespread damage and injuries throughout the region.

pacific

adj. peaceful in character or intent; tending to lessen or avoid conflict; calm or soothing in manner or tone;
(noun, as "Pacific") the largest and deepest of Earth's oceanic divisions

synonym : calm, peaceful, tranquil

(1) **pacific-natured** disposition, (2) the **Pacific** Ocean

They adopted a **pacific** approach to resolving their differences, emphasizing dialogue and understanding.

panic

n. a sudden strong feeling of fear that cannot be controlled and prevents reasonable thought and action

synonym : confusion, hysteria, consternation

(1) a **panic** reaction, (2) **panic** buying

The participation of oil-producing countries in the war caused **panic** in the financial markets.

stream

n. a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc.

synonym : flow, current, brook

(1) the **stream** of time, (2) an endless **stream** of cars

Jet **streams** are the common name for air currents that form high in the atmosphere.

confer

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

synonym : consult, meet, discuss

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

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

government

n. the group of people with authority to control a country or state

synonym : administration, regime, state

(1) **government** bureaucracy, (2) **government** funding

The federal **government** is planning to increase taxes for the next fiscal year.

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.

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?

fallout

n. the radioactive dust in the air that settle to the ground after a nuclear explosion

(1) nuclear **fallout**, (2) the **fallout** from the incident they had no protection from the radioactive **fallout**.

radiation

n. the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health

synonym : dissemination, emission, irradiation

(1) exposure to **radiation**, (2) electromagnetic **radiation**

He tried every possible treatment, including chemotherapy and **radiation** therapy.

instinctively

adv. as a matter of nature or intuition rather than thought or training

synonym: inherently, intuitively, naturally

(1) **instinctively** grabbed the knife, (2) **instinctively** bad with children

Some researchers claim that even humans can **instinctively** sense earthquakes.

loose

adj. not securely fixed or fastened in place or able to be detached or separated from something

synonym: relaxed, unconsolidated, open

(1) a **loose** tongue, (2) remove **loose** hair

The inspector discovered **loose** bolts under the fuel rods.

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.

download

v. to transfer data or files from the Internet or computer network to a user's computer or device; (noun) the process of transferring data or information from a remote or central computer to a local computer or device

synonym: load, save, transfer

(1) **download** files from the Internet, (2) **download** the assignment from the website

I need to **download** the latest update for my computer's operating system.

app

n. (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC

synonym : application, software

(1) killer **app**, (2) cannot log in to the **app**

The discovery of a critical bug caused the company to delay the **app's** release.

arguably

adv. used when expressing an opinion or idea that you believe can be proven true

synonym : probably, possibly

(1) she is **arguably** the best singer, (2) **arguably** the greatest discovery

He is **arguably** regarded as the finest actor of his generation.

dataset

n. a structured collection of data that is compiled and processed in a computer system or program, typically for analysis, research, or machine learning purposes

synonym : data array, database

(1) **dataset** analysis, (2) publicly available **dataset**

The scientist analyzed the large **dataset** to conclude the experiment.

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**.

incapable

adj. unable to do, control, or achieve something

synonym : unable, incompetent, unskilled

(1) drunk and **incapable**, (2) **incapable** of being resisted

He seems **incapable** of understanding what she says.

fluke

n. a stroke of luck or chance, often resulting in a positive outcome or unexpected success; an accidental or unplanned occurrence

synonym : chance, accident, stroke of luck

(1) lucky **fluke**, (2) **fluke** accident

Winning the lottery was just a **fluke**; I didn't expect it to happen.

principle

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

synonym: rule, creed, code

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

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

Newtonian

adj. relating to Sir Isaac Newton or his laws of motion and universal gravitation

synonym: classical, physics, mechanics

(1) **Newtonian** physics, (2) **Newtonian** mechanics

The motion of planets can be described using **Newtonian** mechanics.

predictable

adj. capable of being known, seen or declared in advance

synonym: foreseeable, expectable, likely

(1) **predictable** pattern, (2) in a **predictable** manner

The economy becomes more volatile and less **predictable**.

predict

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

synonym: forecast, anticipate, foresee

(1) **predict** the future, (2) **predict** when she will arrive

It's notoriously challenging to **predict** birth rates.

economical

adj. providing a satisfactory return on the money, time, or effort; not using more money, fuel, etc. than necessary

synonym: frugal, thrifty, parsimonious

(1) **economical** use of her time, (2) an **economical** meal

It is more **economical** to wash your plastic bottle and reuse it.

complexity

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

synonym: intricacy, sophistication, elaboration

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

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

cherish

v. to hold someone or something dear; to feel or show affection for someone or something

synonym: treasure, value, hold dear

(1) **cherish** a stuffed animal, (2) **cherish** relationships

She **cherished** the memories of her childhood.

ordinance

n. a law or regulation enacted by a local government or governing authority; typically used about laws that concern public health, safety, or morals

synonym: regulation, decree, law

(1) city **ordinance**, (2) county **ordinance**

The town council passed an **ordinance** banning the use of plastic bags.

unpredictable

adj. not capable of being foreseen or calculated; not regular or certain

synonym: uncertain, variable, random

(1) dangerously **unpredictable** person, (2) **unpredictable** outcome

The weather in this region is often **unpredictable**, with sudden rainstorms and strong winds.

survive

v. to live or exist despite a dangerous event or period

synonym: endure, persist, stay

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

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

hardware

n. durable tools, machinery, and other equipment; the physical and electronic parts of a computer or other electronic systems

synonym: gear, apparatus, gadget

(1) the **hardware** department, (2) a vast inventory of

hardware

The mouse and keyboard are essential **hardware** for operating a PC.

software

n. a set of computer programs and associated documentation and data for doing particular computational jobs

synonym : program, system, operating system

(1) **software** architect, (2) copyrighted **software**

The company specializes in both hardware and **software**.

substantial

adj. fairly large in size, value, or importance

synonym : significant, notable, actual

(1) a **substantial** amount of capital, (2) have a **substantial** meal

The pandemic was a **substantial** business opportunity for certain companies.

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.

engineer

n. a person whose job is designing, building, or maintaining something such as machines, structures, or software

synonym : architect, creator, builder

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

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

innovation

n. the creation of a new device or process resulting from study and experimentation

synonym : invention, initiation, creation

(1) **innovation** leader, (2) cutting-edge **innovation**

The vegetarian burger was an **innovation** that quickly spread to the United Kingdom.

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.

distribute

v. to give something to a large number of individuals, or to spread or furnish something

synonym: broadcast, disperse, hand out

(1) **distribute** wealth evenly, (2) **distribute** video content

His estate was **distributed** to his sons.

communicate

v. to share or exchange information with others by speaking, writing, moving your body, or using other signals

synonym: convey, share, transmit

(1) **communicate** his anxieties to the psychiatrist,

(2) **communicate** well with my advisor

Dolphins use sound to **communicate** with each other.

permission

n. consent or authorization given by someone in authority or by the owner of something, allowing someone to do something or allowing something to occur

synonym: approval, consent, authorization

(1) grant **permission**, (2) **permission** for permanent residence

I asked my boss for **permission** to leave early for a doctor's appointment.

dorm

n. a residence hall or building that provides living quarters for students or other occupants, typically on a college or university campus

synonym: residence hall, hostel, boarding house

(1) **dorm** room, (2) university **dorm**

Living in a **dorm** can be a great way to meet new people

when you're in college.

start-up

n. a newly established company or business

(1) **start-up** business, (2) early-stage **start-up**

Our company's services are targeted at **start-up** executives.

institutionalize

v. to establish or make something a part of an institution (= a place such as a university, hospital, etc.)

synonym: formalize, establish, regularize

(1) **institutionalize** a system, (2) **institutionalize** customary laws

The new policy aims to **institutionalize** the use of renewable energy sources.

stodgy

adj. dull, uninteresting, or overly conservative; lacking in imagination or creativity; tending to resist change or innovation

synonym: dull, boring, uninteresting

(1) **stodgy** food, (2) **stodgy** style

The **stodgy** old professor refused to adopt any new teaching methods or technologies.

biology

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

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

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

demonstrate

v. to display something or give an exhibition to an interested audience

synonym: show, illustrate, display

(1) **demonstrate** a difference, (2) **demonstrate** mastery

How can you **demonstrate** that the earth is a sphere?

opposed

adj. being completely different from something or disagreeing strongly with something

synonym: anti, averse, hostile

(1) two **opposed** characters, (2) absolutely **opposed** to abortion

I'm strongly **opposed** to that plan.

tradition

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

synonym: custom, practice, ritual

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

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

academic

adj. associated with schools, colleges, and universities, especially studying and thinking, not with practical skills

synonym: educational, scholarly, theoretical

(1) **academic** probation, (2) an **academic** discussion

An excellent historian must possess an **academic** mentality.

primary

adj. first or highest in rank, order, or importance; most fundamental or essential; pertaining to the initial or introductory stage of something, such as a school year or election cycle

synonym: chief, main, fundamental

(1) **primary** school, (2) **primary** education

The **primary** cause of the accident was due to the icy road conditions.

inspire

v. to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative

synonym: boost, encourage, enlighten

(1) **inspire** a feeling of curiosity, (2) **inspire** him to write a novel

The unique style of this martial arts **inspired** many action film producers.

kindle

v. to start a fire; to light

synonym: ignite, light, start

(1) **kindle** strife, (2) **kindle** a passion

He **kindled** a fire in the fireplace to warm the room.

deploy

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

synonym : set up, expand, launch

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

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

motto

n. a phrase or slogan that expresses a guiding principle or goal

synonym : slogan, catchphrase, phrase

(1) the **motto** for safe traffic, (2) company **motto**

The company's **motto** is "Innovation and Service," which is reflected in its products and customer support.

satellite

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

synonym : orbiter, asteroid, moon

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

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

innovate

v. to introduce new methods, ideas, or products

synonym : bring in, introduce, found

(1) **innovate** a new method, (2) **innovate** the quality of his life

Companies developing self-driving cars consistently **innovate** the emerging technologies.

amazing

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

synonym : exceptional, extraordinary, wonderful

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

The golfer recorded an **amazing** distance.

manufacture

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

synonym: create, fabricate, assemble

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

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

device

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

synonym: gadget, instrument, tool

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

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

prototype

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

synonym: mock-up, precursor, model

(1) complete a **prototype** product, (2) early **prototype**

The flying car is presently in the **prototype** stage.

fiddle

v. to continuously touch or manipulate something with someone's hands, mainly when bored or nervous; to act dishonestly to try to get money, information, etc., or gain an advantage

synonym: tinker, diddle, play

(1) **fiddle** with a PC, (2) **fiddle** away the whole afternoon

She was able to **fiddle** a free trip to the United States.

equip

v. to provide a person or a place with the things that are needed for a particular purpose or activity

synonym: prepare, furnish, provide

(1) **equip** an army, (2) **equip** our children with some special skills

The construction company **equipped** the building with an earthquake-resistant device.

stall

v. to stop or cause to stop making progress; (noun) small area or booth set off for the sale of goods in a market or large covered area

synonym : halt, hamper, (noun) cubicle

(1) **stall** at sea, (2) **stall** in a tunnel

The negotiations proceeded slowly and finally **stalled**.

alto

n. the second-highest vocal range in choral music, typically sung by the second-highest singers in a choir; a type of saxophone

synonym : contralto, countertenor, soprano

(1) **alto** saxophone, (2) an **alto** solo

The **alto** singer had a unique and powerful voice.

rainforest

n. a forest rich in biodiversity that is generally found in tropical settings with heavy annual rainfall

(1) **rainforest** destruction, (2) tropical **rainforest**

The destruction of the **rainforest** is a ticking time bomb for the Earth.

agile

adj. able to move quickly and easily, often in a way that is graceful and controlled

synonym : nimble, quick, flexible

(1) an **agile** mind, (2) **agile** in his movements

The **agile** development process allowed the team to make changes quickly.

develop

v. to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

synonym : evolve, progress, advance

(1) **develop** a strategy, (2) **develop** a skill

We must **develop** a new system to streamline our workflow and increase efficiency.

fellow

adj. someone who has the same job or interests as you, or is in the same class, profession, or situation as you

synonym : buddy, mate, affiliate

(1) junior **fellow**, (2) nice **fellow**

He is the kind of **fellow** who only works for his success.

graduate

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

synonym : alumna, alum, grad

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

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

component

n. one of several parts that combines with others to form something bigger

synonym : element, part, factor

(1) key **component**, (2) spare **components** for cars

The researchers try to discover a common **component** in all types of successful organizations.

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**.

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.

genetically

adv. in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity

synonym : hereditary, inherited, family-related

(1) **genetically** inherited traits, (2) **genetically** manipulated plant

The **genetically** modified crops were resistant to pests and required less water.

microbe

n. a tiny living thing that can only be seen with a microscope and that may cause disease

synonym : germ, microorganism, bacterium

(1) pathogenic **microbe**, (2) **microbes** sterilizer

Microbes thrive on the surface of the human skin.

polyester

n. a synthetic fabric consisting of polymers typically derived from petroleum, characterized by its durability, wrinkle resistance, and easy-care properties

synonym : synthetic fabric, nylon, rayon

(1) **polyester** fabric, (2) **polyester** blend

The jacket's exterior was made of **polyester**, while the interior was lined with warm and cozy fleece.

efficient

adj. performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials

synonym : productive, effective, competent

(1) **efficient** operation, (2) energy- **efficient** appliances

The new washing machine is much more **efficient** than the old one.

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

environment

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

synonym: atmosphere, surroundings, climate

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

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

genetic

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

synonym: hereditary, genetical, inborn

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

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

bioengineering

n. the application of engineering principles to the design and production of biological systems and products

synonym: biomedical engineering, genetic engineering, biotechnology

(1) **bioengineering** field, (2) **bioengineering** techniques

The **bioengineering** lab has state-of-the-art equipment and software for analyzing biological systems and designing new solutions.

opportune

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

synonym: suitable, timely, practical

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

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

chemistry

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

(1) professor of **chemistry**, (2) the **chemistry** of soil
He is familiar with **chemistry** and biology.

computation

n. the act or process of calculating something, especially an answer or amount, by using a machine or calculator
synonym: calculation, estimation, arithmetic

(1) parallel **computation**, (2) theory of **computation**
The researcher demonstrated the superiority of quantum **computation** in several mathematical tasks.

obvious

adj. easy to see, discover or understand
synonym: apparent, conspicuous, evident

(1) **obvious** reasons, (2) his conclusion was **obvious**
There are **obvious** differences between the two wine-producing regions.

mainframe

n. a large and powerful computer with a lot of memory used primarily by large organizations for critical applications

(1) **mainframe** computer, (2) **mainframe** operating system
IBM has consistently been a significant supplier of **mainframes** for a long time.

desktop

n. a flat working surface or table that is usually placed on top of a desk, typically used for a computer or other work-related activities

synonym: computer, workstation, PC

(1) **desktop** software, (2) **desktop** wallpaper
I need to upgrade my **desktop** computer since it's become quite slow.

sequence

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

synonym: arrangement, succession, series

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

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

assemble

v. to collect in one place as a single group

synonym: gather, congregate, collect

(1) **assemble** your colleagues, (2) **assemble** a jigsaw puzzle

The president began to **assemble** an army.

pipette

n. a slender tube or tube-like instrument used for measuring small quantities of liquid, often with a bulb at one end that can be squeezed to draw liquid inside

synonym: dropper, tube

(1) **pipette** tip, (2) multi-channel **pipette**

After handling a toxic substance, she disposed of the contaminated **pipette** in the designated hazardous waste bin.

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.

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.

wrap

v. to cover or enclose something entirely with paper, cloth, or other material

synonym : surround, cover, bandage

(1) **wrap** a fish in foil, (2) **wrap** up a meeting

Wrap the bandage tightly around the injured arm.

fundamental

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

synonym : basic, essential, entire

(1) **fundamental** education, (2) **fundamental** rights

Human behavior has **fundamental** characteristics.

democracy

n. a form of government in which the people have the authority to deliberate and decide legislation, or to choose governing officials to do so

synonym : self-government, republic, commonwealth

(1) **democracy** advocate, (2) principles of **democracy**

Democracy often entails inclusive capitalism as well.

chaotic

adj. without any order or organization; extremely disorganized, unpredictable, and confusing

synonym : disorderly, cluttered, topsy-turvy

(1) the **chaotic** economic situation, (2) **chaotic** theory

Change is also occurring in Turkey as a result of **chaotic** reform.

hack

v. to hit and cut somebody or something roughly and violently; to find a bug in a computer program and break into their systems or networks

synonym : cut, chop, crack

(1) **hack** through the jungle, (2) **hack** into the program

This blog offers a variety of tips for **hacking** everyday life.

communal

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

synonym : collaborative, combined, collective

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

of funds

Communal elections were held in several European countries.

peter

v. to fail or lose power, efficiency, or value gradually before coming to an end

synonym: decrease, drop, lower

(1) eventually **peter** out, (2) begin to **peter** out

The music just **petered** out.

analog

adj. relating to or using signals or information represented by a continuous physical quantity such as spatial position, voltage, etc.

(1) an **analog** watch, (2) digitization of **analog** sounds

Mercury thermometers are a type of **analog** sensor.

monitor

v. to observe, check, and track the progress or quality of something over a period of time

synonym: proctor, check, observe

(1) **monitor** an exam, (2) **monitor** the data carefully

They used a special receiver to **monitor** police radio channels.

meltdown

n. a severe overheating of the core of a nuclear reactor resulting in the core melting and radiation escaping; a situation in which something fails or weakens suddenly or dramatically

synonym: collapse, disaster, failure

(1) **meltdown** disaster, (2) economic **meltdown**

The nuclear **meltdown** in the country was a disaster with far-reaching consequences.

beforehand

adv. ahead of time; in advance

synonym: in advance, preceding, earlier

(1) take a seat **beforehand**, (2) three months **beforehand**

She packed her sunscreen **beforehand** to remember it on

the beach trip.

dropout

n. a person who leaves school, college, or a training program before completing it

synonym: noncompleter, quitter, school leaver

(1) the **dropout** rate, (2) **dropout** student

The high school **dropout** rate has decreased significantly in recent years thanks to educational initiatives and support programs.

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.

memorize

v. to learn something carefully so that you will remember it exactly

synonym: learn, remember, remind

(1) **memorize** musical scores, (2) try hard to **memorize** the lines

Lawyers need to **memorize** even the most minor provisions of the law.

encyclopedia

n. a comprehensive reference work containing articles on a wide range of subjects or numerous aspects of a particular field or discipline, usually arranged alphabetically or thematically

synonym: dictionary, compendium, almanac

(1) **encyclopedia** entry, (2) online **encyclopedia**

Many bookshops no longer carry printed **encyclopedias**, but some libraries still hold onto their collections.

Wikipedia

n. an online encyclopedia that allows users to contribute and edit articles collaboratively; a vast and frequently

updated repository of information on a wide range of topics

synonym : online encyclopedia, webpedia

(1) **Wikipedia** entry, (2) **Wikipedia** article

Not all teachers accept citing **Wikipedia** as a valid source for academic papers.

assume

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

synonym : guess, presume, suppose

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

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

argue

v. to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others

synonym : debate, dispute, quarrel

(1) **argue** a case, (2) **argue** passionately

The couple began to **argue** over which restaurant to go to for dinner.

compass

n. a navigational instrument for finding directions with a needle that can move easily and that always points to the north; the limit or range of capability

synonym : guideline, borderline, ambit

(1) read a **compass**, (2) sailing without a **compass**

The results were beyond our **compass** of imagination.

accurate

adj. correct and exact in all details

synonym : exact, precise, proper

(1) provide **accurate** information, (2) **accurate** measurements

The official transcript contains **accurate** academic records.

volunteer

n. a person who performs or offers to perform a job or service without being paid for or forced to do

synonym : unpaid worker, draftee, enlistee

(1) seek **volunteers**, (2) my **volunteer** work

The teachers make full use of **volunteer** assistance.

eventually

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

synonym : finally, someday, ultimately

(1) **eventually** become obsolete, (2) **eventually** succeed

The corporation **eventually** dominated the entire tobacco business.

futurist

n. a person who studies or predicts trends and developments, particularly in science, technology, or social systems, to anticipate what the future may hold

synonym : foreseer, prophet, fortune-teller

(1) **futurist** architecture, (2) **futurist** ideas

The radical **futurist** predicted that virtual reality would become a standard in everyday life.

Session 2: Spelling

- | | |
|--------------------------------------|---|
| 1. col_____ion platform | <i>n.</i> the act or situation of working together to create or produce something |
| 2. an endless st___m of cars | <i>n.</i> a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc. |
| 3. as___e an important role | <i>v.</i> to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance |
| 4. an ag___e mind | <i>adj.</i> able to move quickly and easily, often in a way that is graceful and controlled |
| 5. absolutely op_____d to abortion | <i>adj.</i> being completely different from something or disagreeing strongly with something |
| 6. an ear_____ke zone | <i>n.</i> a sudden and violent shaking of the ground caused by the movement of rock beneath the earth's surface |
| 7. as_____le a jigsaw puzzle | <i>v.</i> to collect in one place as a single group |
| 8. online enc_____dia | <i>n.</i> a comprehensive reference work containing articles on a wide range of subjects or numerous aspects of a particular field or discipline, usually arranged alphabetically or thematically |
| 9. in_____te the quality of his life | <i>v.</i> to introduce new methods, ideas, or products |
| 10. Ne_____an physics | <i>adj.</i> relating to Sir Isaac Newton or his laws of motion and universal gravitation |

ANSWERS: 1. collaboration, 2. stream, 3. assume, 4. agile, 5. opposed, 6. earthquake, 7. assemble, 8. encyclopedia, 9. innovate, 10. Newtonian

11. mo_____r an exam *v.* to observe, check, and track the progress or quality of something over a period of time
12. as_____le your colleagues *v.* to collect in one place as a single group
13. de_____p software *n.* a flat working surface or table that is usually placed on top of a desk, typically used for a computer or other work-related activities
14. cognitive com_____ty *n.* the state or quality of being complicated or intricate and difficult to understand
15. sailing without a co_____s *n.* a navigational instrument for finding directions with a needle that can move easily and that always points to the north; the limit or range of capability
16. com_____te his anxieties to the psychiatrist *v.* to share or exchange information with others by speaking, writing, moving your body, or using other signals
17. company mo__o *n.* a phrase or slogan that expresses a guiding principle or goal
18. pa_____c-natured disposition *adj.* peaceful in character or intent; tending to lessen or avoid conflict; calm or soothing in manner or tone; (noun, as "Pacific") the largest and deepest of Earth's oceanic divisions
19. publicly available da_____t *n.* a structured collection of data that is compiled and processed in a computer system or program, typically for analysis, research, or machine learning purposes

ANSWERS: 11. monitor, 12. assemble, 13. desktop, 14. complexity, 15. compass, 16. communicate, 17. motto, 18. pacific, 19. dataset

20. honor gr____te *n.* a person who has a first degree from university or college; (verb) to complete the first course of university or college and get a degree
21. city or____ce *n.* a law or regulation enacted by a local government or governing authority; typically used about laws that concern public health, safety, or morals
22. seek vo____ers *n.* a person who performs or offers to perform a job or service without being paid for or forced to do
23. eventually pe__r out *v.* to fail or lose power, efficiency, or value gradually before coming to an end
24. enc____dia entry *n.* a comprehensive reference work containing articles on a wide range of subjects or numerous aspects of a particular field or discipline, usually arranged alphabetically or thematically
25. the ch____ry of soil *n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions
26. do____ad files from the Internet *v.* to transfer data or files from the Internet or computer network to a user's computer or device; (noun) the process of transferring data or information from a remote or central computer to a local computer or device
27. principles of de____cy *n.* a form of government in which the people have the authority to deliberate and decide legislation, or to choose governing officials to do so

ANSWERS: 20. graduate, 21. ordinance, 22. volunteer, 23. peter, 24. encyclopedia, 25. chemistry, 26. download, 27. democracy

28. w__p up a meeting *v.* to cover or enclose something entirely with paper, cloth, or other material
29. key co_____nt *n.* one of several parts that combines with others to form something bigger
30. the dr_____t rate *n.* a person who leaves school, college, or a training program before completing it
31. ins_____ely bad with children *adv.* as a matter of nature or intuition rather than thought or training
32. da_____t analysis *n.* a structured collection of data that is compiled and processed in a computer system or program, typically for analysis, research, or machine learning purposes
33. st___y food *adj.* dull, uninteresting, or overly conservative; lacking in imagination or creativity; tending to resist change or innovation
34. gov_____nt funding *n.* the group of people with authority to control a country or state
35. fl___e accident *n.* a stroke of luck or chance, often resulting in a positive outcome or unexpected success; an accidental or unplanned occurrence
36. ins_____ize a system *v.* to establish or make something a part of an institution (= a place such as a university, hospital, etc.)
37. a bu__h of trees *n.* a grouping of several similar things which are growing or fastened together
38. h__k through the jungle *v.* to hit and cut somebody or something roughly and violently; to find a bug in a computer program and break into their systems or networks

ANSWERS: 28. wrap, 29. component, 30. dropout, 31. instinctively, 32. dataset, 33. stodgy, 34. government, 35. fluke, 36. institutionalize, 37. bunch, 38. hack

39. a fo___l leaf *n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
40. pi_____e tip *n.* a slender tube or tube-like instrument used for measuring small quantities of liquid, often with a bulb at one end that can be squeezed to draw liquid inside
41. in_____te a new method *v.* to introduce new methods, ideas, or products
42. fu_____st ideas *n.* a person who studies or predicts trends and developments, particularly in science, technology, or social systems, to anticipate what the future may hold
43. me_____wn disaster *n.* a severe overheating of the core of a nuclear reactor resulting in the core melting and radiation escaping; a situation in which something fails or weakens suddenly or dramatically
44. digitization of an___g sounds *adj.* relating to or using signals or information represented by a continuous physical quantity such as spatial position, voltage, etc.
45. gov_____nt bureaucracy *n.* the group of people with authority to control a country or state
46. h__e a guide *v.* to give somebody a job
47. 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

ANSWERS: 39. fossil, 40. pipette, 41. innovate, 42. futurist, 43. meltdown, 44. analog, 45. government, 46. hire, 47. electronics

48. gen_____ly manipulated plant *adv.* in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity
49. fun_____al education *adj.* forming an essential base or core from which everything else develops or is affected
50. evolutionary bi_____y *n.* the scientific study of life and the natural processes of living things
51. eq__p our children with some special skills *v.* to provide a person or a place with the things that are needed for a particular purpose or activity
52. begin to pe__r out *v.* to fail or lose power, efficiency, or value gradually before coming to an end
53. 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
54. drunk and in_____le *adj.* unable to do, control, or achieve something
55. parallel com_____on *n.* the act or process of calculating something, especially an answer or amount, by using a machine or calculator
56. mo_____r the data carefully *v.* to observe, check, and track the progress or quality of something over a period of time
57. ma_____me computer *n.* a large and powerful computer with a lot of memory used primarily by large organizations for critical applications

ANSWERS: 48. genetically, 49. fundamental, 50. biology, 51. equip, 52. peter, 53. bias, 54. incapable, 55. computation, 56. monitor, 57. mainframe

58. she is ar____ly the best singer *adv.* used when expressing an opinion or idea that you believe can be proven true
59. smokeless f__l *n.* a substance that is typically burned to generate heat or energy
60. pr____t the future *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
61. dis_____te wealth evenly *v.* to give something to a large number of individuals, or to spread or furnish something
62. op_____ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
63. grant per_____on *n.* consent or authorization given by someone in authority or by the owner of something, allowing someone to do something or allowing something to occur
64. st__l at sea *v.* to stop or cause to stop making progress; (noun) small area or booth set off for the sale of goods in a market or large covered area
65. de___y troops for battle *v.* to move troops or weapons into a position or military action; to bring into something in an effective way
66. fi___e away the whole afternoon *v.* to continuously touch or manipulate something with someone's hands, mainly when bored or nervous; to act dishonestly to try to get money, information, etc., or gain an advantage

ANSWERS: 58. arguably, 59. fuel, 60. predict, 61. distribute, 62. opportune, 63. permission, 64. stall, 65. deploy, 66. fiddle

67. 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
68. pa__c buying *n.* a sudden strong feeling of fear that cannot be controlled and prevents reasonable thought and action
69. eq__p an army *v.* to provide a person or a place with the things that are needed for a particular purpose or activity
70. three months bef_____nd *adv.* ahead of time; in advance
71. ki___e strife *v.* to start a fire; to light
72. nu_____r fusion *adj.* of or relating to or constituting the nucleus of an atom; deriving destructive energy from the release of atomic energy
73. an op_____ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
74. pathogenic mi_____e *n.* a tiny living thing that can only be seen with a microscope and that may cause disease
75. the se_____ce of the seasons *n.* a series of related events, actions, numbers, etc., which have a particular order
76. junior fe___w *adj.* someone who has the same job or interests as you, or is in the same class, profession, or situation as you
77. co_____al swimming pool *adj.* belonging to or used by a group rather than individuals; for common use

ANSWERS: 67. chip, 68. panic, 69. equip, 70. beforehand, 71. kindle, 72. nuclear, 73. opportune, 74. microbe, 75. sequence, 76. fellow, 77. communal

78. electromagnetic ra_____on *n.* the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health
79. the DNA se_____ce *n.* a series of related events, actions, numbers, etc., which have a particular order
80. the ma_____de of the disaster *n.* the extent, level, importance, or amount of something
81. de_____p a strategy *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
82. an an____g watch *adj.* relating to or using signals or information represented by a continuous physical quantity such as spatial position, voltage, etc.
83. a tr_____on of a culture *n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
84. two op_____d characters *adj.* being completely different from something or disagreeing strongly with something
85. ch_____h relationships *v.* to hold someone or something dear; to feel or show affection for someone or something
86. the st____m of time *n.* a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc.

ANSWERS: 78. radiation, 79. sequence, 80. magnitude, 81. develop, 82. analog, 83. tradition, 84. opposed, 85. cherish, 86. stream

87. nuclear fa____t *n.* the radioactive dust in the air that settle to the ground after a nuclear explosion
88. gr____te degree program *n.* a person who has a first degree from university or college; (verb) to complete the first course of university or college and get a degree
89. economic me____wn *n.* a severe overheating of the core of a nuclear reactor resulting in the core melting and radiation escaping; a situation in which something fails or weakens suddenly or dramatically
90. de____p a skill *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
91. dem____te mastery *v.* to display something or give an exhibition to an interested audience
92. unp____ble outcome *adj.* not capable of being foreseen or calculated; not regular or certain
93. ch____c theory *adj.* without any order or organization; extremely disorganized, unpredictable, and confusing
94. w__p a fish in foil *v.* to cover or enclose something entirely with paper, cloth, or other material
95. a meteorological sa____te *n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.

ANSWERS: 87. fallout, 88. graduate, 89. meltdown, 90. develop, 91. demonstrate, 92. unpredictable, 93. chaotic, 94. wrap, 95. satellite

96. spare co_____nts for cars *n.* one of several parts that combines with others to form something bigger
97. 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
98. col_____ion between companies *n.* the act or situation of working together to create or produce something
99. cannot log in to the a_p *n.* (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC
100. h__e a car by the hour *v.* to give somebody a job
101. dem_____te a difference *v.* to display something or give an exhibition to an interested audience
102. take a seat bef_____nd *adv.* ahead of time; in advance
103. a pa__c reaction *n.* a sudden strong feeling of fear that cannot be controlled and prevents reasonable thought and action
104. en_____er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
105. the ch_____c economic situation *adj.* without any order or organization; extremely disorganized, unpredictable, and confusing

ANSWERS: 96. component, 97. process, 98. collaboration, 99. app, 100. hire, 101. demonstrate, 102. beforehand, 103. panic, 104. engineer, 105. chaotic

106. a sub_____al amount of capital *adj.* fairly large in size, value, or importance
107. ac_____te measurements *adj.* correct and exact in all details
108. re__t against his way of thinking *v.* to take action in response to something
109. 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
110. pr_____t when she will arrive *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
111. an ac_____ic discussion *adj.* associated with schools, colleges, and universities, especially studying and thinking, not with practical skills
112. ki___e a passion *v.* to start a fire; to light
113. bio_____ing field *n.* the application of engineering principles to the design and production of biological systems and products
114. an ear_____ke-proof *n.* a sudden and violent shaking of the ground caused by the movement of rock beneath the earth's surface
115. multi-channel pi_____e *n.* a slender tube or tube-like instrument used for measuring small quantities of liquid, often with a bulb at one end that can be squeezed to draw liquid inside

ANSWERS: 106. substantial, 107. accurate, 108. react, 109. process, 110. predict, 111. academic, 112. kindle, 113. bioengineering, 114. earthquake, 115. pipette

116. de___e a question *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
117. in a pre_____le manner *adj.* capable of being known, seen or declared in advance
118. the illative fa_____y of the mind *n.* an inborn or natural ability to hear, see, think, move, etc.; a department or group of the university concerned with a major division of knowledge
119. 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
120. man_____re a product *v.* to make goods in large numbers, usually in a factory using machines
121. electronic de___e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
122. com_____te well with my advisor *v.* to share or exchange information with others by speaking, writing, moving your body, or using other signals
123. Wi_____ia entry *n.* an online encyclopedia that allows users to contribute and edit articles collaboratively; a vast and frequently updated repository of information on a wide range of topics
124. pre_____le pattern *adj.* capable of being known, seen or declared in advance
125. 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

ANSWERS: 116. decide, 117. predictable, 118. faculty, 119. chip, 120. manufacture, 121. device, 122. communicate, 123. Wikipedia, 124. predictable, 125. decide

126. am_____g advances *adj.* extremely surprising, especially in a way that you like or admire
127. eco_____al use of her time *adj.* providing a satisfactory return on the money, time, or effort; not using more money, fuel, etc. than necessary
128. co_____al combination of funds *adj.* belonging to or used by a group rather than individuals; for common use
129. theory of com_____on *n.* the act or process of calculating something, especially an answer or amount, by using a machine or calculator
130. mi_____ht snack *n.* the middle point of the night, usually defined as 12:00 AM or the start of a new day
131. co_____r degree *v.* to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something
132. pr_____y school *adj.* first or highest in rank, order, or importance; most fundamental or essential; pertaining to the initial or introductory stage of something, such as a school year or election cycle
133. do_____ad the assignment from the website *v.* to transfer data or files from the Internet or computer network to a user's computer or device; (noun) the process of transferring data or information from a remote or central computer to a local computer or device
134. pr_____le of treatment *n.* a fundamental law or truth that explains or controls how something happens or works

ANSWERS: 126. amazing, 127. economical, 128. communal, 129. computation, 130. midnight, 131. confer, 132. primary, 133. download, 134. principle

135. his conclusion was ob____s *adj.* easy to see, discover or understand
136. professor of ch____ry *n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions
137. de____cy advocate *n.* a form of government in which the people have the authority to deliberate and decide legislation, or to choose governing officials to do so
138. su____e a blizzard *v.* to live or exist despite a dangerous event or period
139. bio____ing techniques *n.* the application of engineering principles to the design and production of biological systems and products
140. county or____ce *n.* a law or regulation enacted by a local government or governing authority; typically used about laws that concern public health, safety, or morals
141. an a__o solo *n.* the second-highest vocal range in choral music, typically sung by the second-highest singers in a choir; a type of saxophone
142. early-stage st____up *n.* a newly established company or business
143. cell and molecular bi____y *n.* the scientific study of life and the natural processes of living things
144. 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

ANSWERS: 135. obvious, 136. chemistry, 137. democracy, 138. survive, 139. bioengineering, 140. ordinance, 141. alto, 142. start-up, 143. biology, 144. fossil

145. ag__e in his movements *adj.* able to move quickly and easily, often in a way that is graceful and controlled
146. the fa____t from the incident *n.* the radioactive dust in the air that settle to the ground after a nuclear explosion
147. 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
148. exposure to ra_____on *n.* the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health
149. ar__e passionately *v.* to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others
150. per_____on for permanent residence *n.* consent or authorization given by someone in authority or by the owner of something, allowing someone to do something or allowing something to occur
151. h__k into the program *v.* to hit and cut somebody or something roughly and violently; to find a bug in a computer program and break into their systems or networks
152. com_____ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
153. rai_____st destruction *n.* a forest rich in biodiversity that is generally found in tropical settings with heavy annual rainfall

ANSWERS: 145. agile, 146. fallout, 147. transistor, 148. radiation, 149. argue, 150. permission, 151. hack, 152. complexity, 153. rainforest

154. energy-ef_____nt appliances *adj.* performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials
155. a member of the fa_____y *n.* an inborn or natural ability to hear, see, think, move, etc.; a department or group of the university concerned with a major division of knowledge
156. the ha_____re department *n.* durable tools, machinery, and other equipment; the physical and electronic parts of a computer or other electronic systems
157. in_____le of being resisted *adj.* unable to do, control, or achieve something
158. ch_____h a stuffed animal *v.* to hold someone or something dear; to feel or show affection for someone or something
159. a lo__e tongue *adj.* not securely fixed or fastened in place or able to be detached or separated from something
160. ins_____ely grabbed the knife *adv.* as a matter of nature or intuition rather than thought or training
161. a ge_____c disorder *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
162. against tr_____on *n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society

ANSWERS: 154. efficient, 155. faculty, 156. hardware, 157. incapable, 158. cherish, 159. loose, 160. instinctively, 161. genetic, 162. tradition

163. killer a_p *n.* (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC
164. co___r honor *v.* to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something
165. cutting-edge inn_____on *n.* the creation of a new device or process resulting from study and experimentation
166. a GPS sa_____te *n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
167. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
168. copyrighted so_____re *n.* a set of computer programs and associated documentation and data for doing particular computational jobs
169. the most am_____g feeling *adj.* extremely surprising, especially in a way that you like or admire
170. in_____e a feeling of curiosity *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
171. in_____e him to write a novel *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative

ANSWERS: 163. app, 164. confer, 165. innovation, 166. satellite, 167. environment, 168. software, 169. amazing, 170. inspire, 171. inspire

172. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
173. remove lo__e hair *adj.* not securely fixed or fastened in place or able to be detached or separated from something
174. have ge_____c testing *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
175. ar_____ly the greatest discovery *adv.* used when expressing an opinion or idea that you believe can be proven true
176. ef_____nt operation *adj.* performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials
177. so_____re architect *n.* a set of computer programs and associated documentation and data for doing particular computational jobs
178. su_____e a plane crash *v.* to live or exist despite a dangerous event or period
179. mi_____es sterilizer *n.* a tiny living thing that can only be seen with a microscope and that may cause disease
180. me_____ze musical scores *v.* to learn something carefully so that you will remember it exactly
181. eve_____ly become obsolete *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
182. pr_____y education *adj.* first or highest in rank, order, or importance; most fundamental or essential; pertaining to the initial or introductory stage of something, such as a school year or election cycle

ANSWERS: 172. environment, 173. loose, 174. genetic, 175. arguably, 176. efficient, 177. software, 178. survive, 179. microbe, 180. memorize, 181. eventually, 182. primary

183. man_____re an enzyme *v.* to make goods in large numbers, usually in a factory using machines
184. have a sub_____al meal *adj.* fairly large in size, value, or importance
185. dangerously unp_____ble person *adj.* not capable of being foreseen or calculated; not regular or certain
186. lucky fl__e *n.* a stroke of luck or chance, often resulting in a positive outcome or unexpected success; an accidental or unplanned occurrence
187. mi_____ht shift *n.* the middle point of the night, usually defined as 12:00 AM or the start of a new day
188. ob_____s reasons *adj.* easy to see, discover or understand
189. try hard to me_____ze the lines *v.* to learn something carefully so that you will remember it exactly
190. biomass f__l *n.* a substance that is typically burned to generate heat or energy
191. de_____p wallpaper *n.* a flat working surface or table that is usually placed on top of a desk, typically used for a computer or other work-related activities
192. 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
193. 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

ANSWERS: 183. manufacture, 184. substantial, 185. unpredictable, 186. fluke, 187. midnight, 188. obvious, 189. memorize, 190. fuel, 191. desktop, 192. nuclear, 193. transistor

194. a star of the first ma_____de *n.* the extent, level, importance, or amount of something
195. fun_____al rights *adj.* forming an essential base or core from which everything else develops or is affected
196. dis_____te video content *v.* to give something to a large number of individuals, or to spread or furnish something
197. provide ac_____te information *adj.* correct and exact in all details
198. ma_____me operating system *n.* a large and powerful computer with a lot of memory used primarily by large organizations for critical applications
199. ar__e a case *v.* to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others
200. university d__m *n.* a residence hall or building that provides living quarters for students or other occupants, typically on a college or university campus
201. de___y safety measures *v.* to move troops or weapons into a position or military action; to bring into something in an effective way
202. fu_____st architecture *n.* a person who studies or predicts trends and developments, particularly in science, technology, or social systems, to anticipate what the future may hold
203. ins_____ize customary laws *v.* to establish or make something a part of an institution (= a place such as a university, hospital, etc.)

ANSWERS: 194. magnitude, 195. fundamental, 196. distribute, 197. accurate, 198. mainframe, 199. argue, 200. dorm, 201. deploy, 202. futurist, 203. institutionalize

204. the Pa____c Ocean *adj.* peaceful in character or intent; tending to lessen or avoid conflict; calm or soothing in manner or tone; (noun, as "Pacific") the largest and deepest of Earth's oceanic divisions
205. early pr____pe *n.* a first or preliminary example of something such as a device or vehicle from which other forms are developed
206. st__l in a tunnel *v.* to stop or cause to stop making progress; (noun) small area or booth set off for the sale of goods in a market or large covered area
207. 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
208. tropical rai____st *n.* a forest rich in biodiversity that is generally found in tropical settings with heavy annual rainfall
209. pr____le in business *n.* a fundamental law or truth that explains or controls how something happens or works
210. the mo__o for safe traffic *n.* a phrase or slogan that expresses a guiding principle or goal
211. ac____ic probation *adj.* associated with schools, colleges, and universities, especially studying and thinking, not with practical skills
212. d__m room *n.* a residence hall or building that provides living quarters for students or other occupants, typically on a college or university campus

ANSWERS: 204. pacific, 205. prototype, 206. stall, 207. bias, 208. rainforest, 209. principle, 210. motto, 211. academic, 212. dorm

213. dr____t student *n.* a person who leaves school, college, or a training program before completing it
214. inn_____on leader *n.* the creation of a new device or process resulting from study and experimentation
215. my vo_____er work *n.* a person who performs or offers to perform a job or service without being paid for or forced to do
216. 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
217. Wi_____ia article *n.* an online encyclopedia that allows users to contribute and edit articles collaboratively; a vast and frequently updated repository of information on a wide range of topics
218. eve_____ly succeed *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
219. Ne_____an mechanics *adj.* relating to Sir Isaac Newton or his laws of motion and universal gravitation
220. read a co_____s *n.* a navigational instrument for finding directions with a needle that can move easily and that always points to the north; the limit or range of capability
221. a bu__h of schoolgirls *n.* a grouping of several similar things which are growing or fastened together
222. st_____up business *n.* a newly established company or business

ANSWERS: 213. dropout, 214. innovation, 215. volunteer, 216. electronics, 217. Wikipedia, 218. eventually, 219. Newtonian, 220. compass, 221. bunch, 222. start-up

223. a vast inventory of ha_____re *n.* durable tools, machinery, and other equipment; the physical and electronic parts of a computer or other electronic systems
224. fi___e with a PC *v.* to continuously touch or manipulate something with someone's hands, mainly when bored or nervous; to act dishonestly to try to get money, information, etc., or gain an advantage
225. tracking de___e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
226. nice fe___w *adj.* someone who has the same job or interests as you, or is in the same class, profession, or situation as you
227. an eco_____al meal *adj.* providing a satisfactory return on the money, time, or effort; not using more money, fuel, etc. than necessary
228. re__t at a high temperature *v.* to take action in response to something
229. l_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
230. gen_____ly inherited traits *adv.* in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity
231. a civil en_____er *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software

ANSWERS: 223. hardware, 224. fiddle, 225. device, 226. fellow, 227. economical, 228. react, 229. lab, 230. genetically, 231. engineer

232. as___e a lousy attitude to his boss *v.* to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance
233. complete a pr_____pe product *n.* a first or preliminary example of something such as a device or vehicle from which other forms are developed
234. po_____er fabric *n.* a synthetic fabric consisting of polymers typically derived from petroleum, characterized by its durability, wrinkle resistance, and easy-care properties
235. medical l_b *n.* a workplace for the conduct of scientific research; a laboratory
236. st___y style *adj.* dull, uninteresting, or overly conservative; lacking in imagination or creativity; tending to resist change or innovation
237. po_____er blend *n.* a synthetic fabric consisting of polymers typically derived from petroleum, characterized by its durability, wrinkle resistance, and easy-care properties
238. a__o saxophone *n.* the second-highest vocal range in choral music, typically sung by the second-highest singers in a choir; a type of saxophone

ANSWERS: 232. assume, 233. prototype, 234. polyester, 235. lab, 236. stodgy, 237. polyester, 238. alto

Session 3: Fill in the Blanks

1. The president began to _____ an army.
v. to collect in one place as a single group
2. The following example _____ that the capacity of each battery is the same.
v. to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance
3. _____ thrive on the surface of the human skin.
n. a tiny living thing that can only be seen with a microscope and that may cause disease
4. _____ often entails inclusive capitalism as well.
n. a form of government in which the people have the authority to deliberate and decide legislation, or to choose governing officials to do so
5. IBM has consistently been a significant supplier of _____ for a long time.
n. a large and powerful computer with a lot of memory used primarily by large organizations for critical applications
6. Efficiency isn't an essential _____ here; fairness is.
n. a fundamental law or truth that explains or controls how something happens or works
7. The motion of planets can be described using _____ mechanics.
adj. relating to Sir Isaac Newton or his laws of motion and universal gravitation
8. The _____ singer had a unique and powerful voice.
n. the second-highest vocal range in choral music, typically sung by the second-highest singers in a choir; a type of saxophone

ANSWERS: 1. assemble, 2. assumes, 3. Microbes, 4. Democracy, 5. mainframes, 6. principle, 7. Newtonian, 8. alto

9. An excellent historian must possess an _____ mentality.
adj. associated with schools, colleges, and universities, especially studying and thinking, not with practical skills
10. There are _____ differences between the two wine-producing regions.
adj. easy to see, discover or understand
11. One bad apple spoils the whole _____.
n. a grouping of several similar things which are growing or fastened together
12. We do move forward with those tasks in _____ next week.
n. a series of related events, actions, numbers, etc., which have a particular order
13. The participation of oil-producing countries in the war caused _____ in the financial markets.
n. a sudden strong feeling of fear that cannot be controlled and prevents reasonable thought and action
14. The discovery of a critical bug caused the company to delay the _____ release.
n. (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC
15. Lawyers need to _____ even the most minor provisions of the law.
v. to learn something carefully so that you will remember it exactly
16. Launching an artificial _____ contributed to the technological development of our country.
n. an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.

ANSWERS: 9. academic, 10. obvious, 11. bunch, 12. sequence, 13. panic, 14. app's, 15. memorize, 16. satellite

17. This university's computer science _____ is world distinguished.
- n.* an inborn or natural ability to hear, see, think, move, etc.; a department or group of the university concerned with a major division of knowledge
18. The _____ cause of the accident was due to the icy road conditions.
- adj.* first or highest in rank, order, or importance; most fundamental or essential; pertaining to the initial or introductory stage of something, such as a school year or election cycle
19. We must _____ a new system to streamline our workflow and increase efficiency.
- v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
20. The jacket's exterior was made of _____ while the interior was lined with warm and cozy fleece.
- n.* a synthetic fabric consisting of polymers typically derived from petroleum, characterized by its durability, wrinkle resistance, and easy-care properties
21. These birds can only _____ in temperate climates.
- v.* to live or exist despite a dangerous event or period
22. The town council passed an _____ banning the use of plastic bags.
- n.* a law or regulation enacted by a local government or governing authority; typically used about laws that concern public health, safety, or morals
23. The _____ old professor refused to adopt any new teaching methods or technologies.
- adj.* dull, uninteresting, or overly conservative; lacking in imagination or creativity; tending to resist change or innovation

ANSWERS: 17. faculty, 18. primary, 19. develop, 20. polyester, 21. survive, 22. ordinance, 23. stodgy

24. 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

25. The unique style of this martial arts _____ many action film producers.

- v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative

26. They used a special receiver to _____ police radio channels.

- v.* to observe, check, and track the progress or quality of something over a period of time

27. The _____ scarcity most severely impacted the manufacturing sector

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

28. Many employers hire _____ trainees to train as managers.

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

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

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

30. Not all teachers accept citing _____ as a valid source for academic papers.

- n.* an online encyclopedia that allows users to contribute and edit articles collaboratively; a vast and frequently updated repository of information on a wide range of topics

31. I'm strongly _____ to that plan.

- adj.* being completely different from something or disagreeing strongly with something

ANSWERS: 24. fossil, 25. inspired, 26. monitor, 27. fuel, 28. graduate, 29. deployed, 30. Wikipedia, 31. opposed

32. The economy becomes more volatile and less _____.
adj. capable of being known, seen or declared in advance
33. The _____ will repair my telephone tomorrow morning.
n. a person whose job is designing, building, or maintaining something such as machines, structures, or software
34. This blog offers a variety of tips for _____ everyday life.
v. to hit and cut somebody or something roughly and violently; to find a bug in a computer program and break into their systems or networks
35. Dolphins use sound to _____ with each other.
v. to share or exchange information with others by speaking, writing, moving your body, or using other signals
36. 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
37. I asked my boss for _____ to leave early for a doctor's appointment.
n. consent or authorization given by someone in authority or by the owner of something, allowing someone to do something or allowing something to occur
38. 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
39. The official transcript contains _____ academic records.
adj. correct and exact in all details

ANSWERS: 32. predictable, 33. engineer, 34. hacking, 35. communicate, 36. process, 37. permission, 38. decide, 39. accurate

40. They adopted a _____ approach to resolving their differences, emphasizing dialogue and understanding.

adj. peaceful in character or intent; tending to lessen or avoid conflict; calm or soothing in manner or tone; (noun, as "Pacific") the largest and deepest of Earth's oceanic divisions

41. Our company's services are targeted at _____ executives.

n. a newly established company or business

42. Human behavior has _____ characteristics.

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

43. She packed her sunscreen _____ to remember it on the beach trip.

adv. ahead of time; in advance

44. The project's _____ made it difficult for the team to complete it on time.

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

45. The weather in this region is often _____ with sudden rainstorms and strong winds.

adj. not capable of being foreseen or calculated; not regular or certain

46. Companies developing self-driving cars consistently _____ the emerging technologies.

v. to introduce new methods, ideas, or products

47. 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

ANSWERS: 40. pacific, 41. start-up, 42. fundamental, 43. beforehand, 44. complexity, 45. unpredictable, 46. innovate, 47. bias

48. Understanding protein folding is a vital step in deciphering the _____ code.
adj. of or relating to genes (= parts of the DNA in cells) or the science of genes
49. The Prime Minister will pay a courtesy visit to the Nobel laureate's _____.
n. a workplace for the conduct of scientific research; a laboratory
50. After handling a toxic substance, she disposed of the contaminated _____ in the designated hazardous waste bin.
n. a slender tube or tube-like instrument used for measuring small quantities of liquid, often with a bulb at one end that can be squeezed to draw liquid inside
51. I always carry a backup _____ in case my phone runs out of battery.
n. a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
52. He tried every possible treatment, including chemotherapy and _____ therapy.
n. the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health
53. The teachers make full use of _____ assistance.
n. a person who performs or offers to perform a job or service without being paid for or forced to do
54. The nuclear _____ in the country was a disaster with far-reaching consequences.
n. a severe overheating of the core of a nuclear reactor resulting in the core melting and radiation escaping; a situation in which something fails or weakens suddenly or dramatically

ANSWERS: 48. genetic, 49. lab, 50. pipette, 51. device, 52. radiation, 53. volunteer, 54. meltdown

55. The vegetarian burger was an _____ that quickly spread to the United Kingdom.
- n.* the creation of a new device or process resulting from study and experimentation
56. 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
57. The company's _____ is "Innovation and Service," which is reflected in its products and customer support.
- n.* a phrase or slogan that expresses a guiding principle or goal
58. Living in a _____ can be a great way to meet new people when you're in college.
- n.* a residence hall or building that provides living quarters for students or other occupants, typically on a college or university campus
59. He is familiar with _____ and biology.
- n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions
60. they had no protection from the radioactive _____.
- n.* the radioactive dust in the air that settle to the ground after a nuclear explosion
61. The results were beyond our _____ of imagination.
- n.* a navigational instrument for finding directions with a needle that can move easily and that always points to the north; the limit or range of capability
62. 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

ANSWERS: 55. innovation, 56. chip, 57. motto, 58. dorm, 59. chemistry, 60. fallout, 61. compass, 62. electronics

63. Jet _____ are the common name for air currents that form high in the atmosphere.
- n.* a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc.
64. The construction company _____ the building with an earthquake-resistant device.
- v.* to provide a person or a place with the things that are needed for a particular purpose or activity
65. He _____ a fire in the fireplace to warm the room.
- v.* to start a fire; to light
66. The golfer recorded an _____ distance.
- adj.* extremely surprising, especially in a way that you like or admire
67. In junior high school, we had to dissect a frog in _____ class.
- n.* the scientific study of life and the natural processes of living things
68. The inspector discovered _____ bolts under the fuel rods.
- adj.* not securely fixed or fastened in place or able to be detached or separated from something
69. I need to upgrade my _____ computer since it's become quite slow.
- n.* a flat working surface or table that is usually placed on top of a desk, typically used for a computer or other work-related activities
70. The majority of synthetic vitamins are _____ from oil.
- v.* to make goods in large numbers, usually in a factory using machines

ANSWERS: 63. streams, 64. equipped, 65. kindled, 66. amazing, 67. biology, 68. loose, 69. desktop, 70. manufactured

71. It is more _____ to wash your plastic bottle and reuse it.
adj. providing a satisfactory return on the money, time, or effort; not using more money, fuel, etc. than necessary
72. The destruction of the _____ is a ticking time bomb for the Earth.
n. a forest rich in biodiversity that is generally found in tropical settings with heavy annual rainfall
73. The new policy aims to _____ the use of renewable energy sources.
v. to establish or make something a part of an institution (= a place such as a university, hospital, etc.)
74. The radical _____ predicted that virtual reality would become a standard in everyday life.
n. a person who studies or predicts trends and developments, particularly in science, technology, or social systems, to anticipate what the future may hold
75. Mercury thermometers are a type of _____ sensor.
adj. relating to or using signals or information represented by a continuous physical quantity such as spatial position, voltage, etc.
76. The _____ modified crops were resistant to pests and required less water.
adv. in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity
77. We should always be prepared to _____ talented recruits.
v. to give somebody a job

ANSWERS: 71. economical, 72. rainforest, 73. institutionalize, 74. futurist, 75. analog, 76. genetically, 77. hire

78. The _____ development process allowed the team to make changes quickly.
adj. able to move quickly and easily, often in a way that is graceful and controlled
79. 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
80. The company specializes in both hardware and _____.
n. a set of computer programs and associated documentation and data for doing particular computational jobs
81. The mouse and keyboard are essential _____ for operating a PC.
n. durable tools, machinery, and other equipment; the physical and electronic parts of a computer or other electronic systems
82. His estate was _____ to his sons.
v. to give something to a large number of individuals, or to spread or furnish something
83. Change is also occurring in Turkey as a result of _____ reform.
adj. without any order or organization; extremely disorganized, unpredictable, and confusing
84. The _____ lab has state-of-the-art equipment and software for analyzing biological systems and designing new solutions.
n. the application of engineering principles to the design and production of biological systems and products
85. The _____ of the earthquake was measured at 7.8 on the Richter scale.
n. the extent, level, importance, or amount of something

ANSWERS: 78. agile, 79. transistor, 80. software, 81. hardware, 82. distributed, 83. chaotic, 84. bioengineering, 85. magnitude

86. I stayed up until _____ watching my favorite movie.
- n.* the middle point of the night, usually defined as 12:00 AM or the start of a new day
87. _____ elections were held in several European countries.
- adj.* belonging to or used by a group rather than individuals; for common use
88. _____ the bandage tightly around the injured arm.
- v.* to cover or enclose something entirely with paper, cloth, or other material
89. Many bookshops no longer carry printed _____ but some libraries still hold onto their collections.
- n.* a comprehensive reference work containing articles on a wide range of subjects or numerous aspects of a particular field or discipline, usually arranged alphabetically or thematically
90. The violent _____ caused widespread damage and injuries throughout the region.
- n.* a sudden and violent shaking of the ground caused by the movement of rock beneath the earth's surface
91. She was able to _____ a free trip to the United States.
- v.* to continuously touch or manipulate something with someone's hands, mainly when bored or nervous; to act dishonestly to try to get money, information, etc., or gain an advantage
92. The leaders of the two countries met to _____ on the issue.
- v.* to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something

ANSWERS: 86. midnight, 87. Communal, 88. Wrap, 89. encyclopedias, 90. earthquake, 91. fiddle, 92. confer

93. 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

94. The high school _____ rate has decreased significantly in recent years thanks to educational initiatives and support programs.

n. a person who leaves school, college, or a training program before completing it

95. Every human is responsible for taking care of the Earth's _____.

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

96. The phone rang at the most _____ time.

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

97. It's notoriously challenging to _____ birth rates.

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

98. He seems _____ of understanding what she says.

adj. unable to do, control, or achieve something

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

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

100. The researchers try to discover a common _____ in all types of successful organizations.

n. one of several parts that combines with others to form something bigger

ANSWERS: 93. nuclear, 94. dropout, 95. environment, 96. opportune, 97. predict, 98. incapable, 99. collaboration, 100. component

101. Some researchers claim that even humans can _____ sense earthquakes.

adv. as a matter of nature or intuition rather than thought or training

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

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

103. The pandemic was a _____ business opportunity for certain companies.

adj. fairly large in size, value, or importance

104. He is _____ regarded as the finest actor of his generation.

adv. used when expressing an opinion or idea that you believe can be proven true

105. I need to _____ the latest update for my computer's operating system.

v. to transfer data or files from the Internet or computer network to a user's computer or device; (noun) the process of transferring data or information from a remote or central computer to a local computer or device

106. The couple began to _____ over which restaurant to go to for dinner.

v. to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others

107. The corporation _____ dominated the entire tobacco business.

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

108. How did he _____ to your idea?

v. to take action in response to something

ANSWERS: 101. instinctively, 102. tradition, 103. substantial, 104. arguably, 105. download, 106. argue, 107. eventually, 108. react

109. The federal _____ is planning to increase taxes for the next fiscal year.
n. the group of people with authority to control a country or state
110. She _____ the memories of her childhood.
v. to hold someone or something dear; to feel or show affection for someone or something
111. The scientist analyzed the large _____ to conclude the experiment.
n. a structured collection of data that is compiled and processed in a computer system or program, typically for analysis, research, or machine learning purposes
112. How can you _____ that the earth is a sphere?
v. to display something or give an exhibition to an interested audience
113. Winning the lottery was just a _____ I didn't expect it to happen.
n. a stroke of luck or chance, often resulting in a positive outcome or unexpected success; an accidental or unplanned occurrence
114. The new washing machine is much more _____ than the old one.
adj. performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials
115. The music just _____ out.
v. to fail or lose power, efficiency, or value gradually before coming to an end
116. He is the kind of _____ who only works for his success.
adj. someone who has the same job or interests as you, or is in the same class, profession, or situation as you

ANSWERS: 109. government, 110. cherished, 111. dataset, 112. demonstrate, 113. fluke;, 114. efficient, 115. petered, 116. fellow

117. The flying car is presently in the _____ stage.

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

118. The negotiations proceeded slowly and finally _____.

- v.* to stop or cause to stop making progress; (noun) small area or booth set off for the sale of goods in a market or large covered area

119. The researcher demonstrated the superiority of quantum _____ in several mathematical tasks.

- n.* the act or process of calculating something, especially an answer or amount, by using a machine or calculator

ANSWERS: 117. prototype, 118. stalled, 119. computation