

Englist.me



Vocabulary Builder Reference from...

Jeff Dean: AI isn't as smart as you think -- but it could be | TED Talk

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

All Words

IMPORTANT

This material is a commentary and does not contain any copyrighted material of the reference source. We strongly recommend accessing/buying the reference source at the same time.

Session 1: Word List

- AI** *n.* (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation
synonym: robot, machine learning, neural network
(1) **AI** expert, (2) apply **AI** technology to art
The evolution of processors has dramatically improved the performance of **AI**.
- wedge** *n.* a piece of wood, metal, or other material with one thick end and a narrow edge that is driven between two things or parts of objects to secure or separate them
(1) drive a **wedge** into a relationship, (2) put a **wedge** under the door
He inserted the **wedge** into a split in the log.
- downtown** *adv.* in or towards the central area of a town or city
synonym: central, city-center, urban
(1) **downtown** building, (2) **downtown** traffic
He decided to take a walk **downtown** area to explore the city.

- 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.
- compute** *v.* to make a mathematical calculation
synonym: calculate
(1) **compute** an average score, (2) **compute** the value
I tried to **compute** the efficiency of the investment.
- transformation** *n.* a complete change in form, nature, or appearance of someone or something
synonym: change, conversion, renewal
(1) the **transformation** of a tadpole into a frog, (2) cast a **transformation** spell
Understanding unitary **transformations** of a normal matrix require considerable mathematical sophistication.
- tremendous** *adj.* very great in degree or extent or amount or impact; extremely good
synonym: enormous, giant, immense
(1) **tremendous** amount, (2) **tremendous** popularity
We had a **tremendous** time yesterday.
- progression** *n.* the act or process of changing to the next stage or phase or moving forward
synonym: advancement, development, evolution
(1) **progression** of civilization, (2) **progression** of disease
The company has made great strides in its **progression** toward sustainability.
- vision** *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
synonym: sight, image, concept

(1) a prodigious **vision**, (2) telescopic **vision**
Driving is difficult for me because of my poor **vision**.

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.

transform

v. to change in outward structure or looks;

synonym: alter, convert, change

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

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

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.

flood

n. a large amount of water flowing beyond its normal limits; an overwhelming number or amount

synonym: deluge, downpour, overflow

(1) **flood** advisory, (2) a **flood** of questions

These heavy rains caused flash **floods** on several islands.

translate

v. to convert or change words into another language

synonym: convert, transcribe, render

(1) **translate** a document into English, (2) **translate** the emotion to a movement

Translate the text from Italian into English.

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.

diagnose

v. to determine or distinguish the nature of a problem or an illness through a careful analysis

synonym : identify, analyze, interpret

(1) **diagnose** the problem, (2) **diagnose** with CT scans

This device is used to **diagnose** brain cancer and other tumors.

disease

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

synonym : illness, ailment, affliction

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

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

treatment

n. the way in which someone deals with or behaves towards someone or something; medical care provided to a patient for an injury or illness.

synonym : remedy, antidote, medicine

(1) first-aid **treatment**, (2) **treatment** by diet

The primary purpose of the **treatment** is pain relief.

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.

underlie

v. to be the support, basis, hidden cause of something; to be located under or below

synonym: govern, control, determine

(1) **underlie** the theory of the big bang, (2) **underlie** the current economic deadlock

His bitter experiences **underlie** his moral principles.

neural

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

synonym: sensory, neuronic, nervous

(1) **neural** stem cells, (2) **neural** networks in AI

There was a disturbance of **neural** function.

breakthrough

n. a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem

synonym: advance, progress, innovation

(1) **breakthrough** in the negotiations, (2) **breakthrough** discovery

A technique called deep learning has led to **breakthroughs** in AI.

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.

coding

n. the process of writing or creating computer code, which is a set of instructions that tells a computer what to do to create software, websites, apps, and other digital products

synonym: encoding, programming, scripting

(1) **coding** skills, (2) **coding** challenge

Coding bootcamps have become a popular way to learn coding skills quickly.

algorithm

n. a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation

synonym: logic, method, rule

(1) the RSA **algorithm**, (2) **algorithm** for image processing

We can evaluate the performance of an **algorithm** in terms of computation time.

accomplish

v. to finish or achieve something successfully

synonym: achieve, complete, execute

(1) **accomplish** a goal, (2) **accomplish** military operations

Humankind took centuries to **accomplish** true democracy.

unexpected

adj. not anticipated or regarded as likely to happen

synonym: surprising, unanticipated, incredible

(1) an **unexpected** visitor, (2) some **unexpected** events

The **unexpected** rainstorm caused the collapse of the corral.

advance

v. to go or move forward; to develop in a positive way

synonym: progress, boost, come along

(1) **advance** the technology, (2) **advance** a cooperative relationship

Scientific knowledge will **advance** significantly with the power of AI.

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.

interconnect

v. to connect similar things

synonym: interlink, connect, annex

(1) directly **interconnect** with those systems, (2) human activities **interconnect** with the environment

Our system can now **interconnect** with other databases.

neuron

n. a cell that is specialized to carry information within the brain and between the brain and other parts of the body

synonym: nerve cell

(1) excite the **neurons**, (2) **neuron** cell body

Our body transfers information along each **neuron** using an electrical impulse.

emulate

v. to imitate someone else's achievements to try to do something as well as somebody else

synonym: impersonate, mimic, imitate

(1) **emulate** a successful business model, (2) **emulate** his watercolors

They intend to **emulate** the footsteps of successful software companies.

individual

n. a single person or thing, as distinct from a group

synonym: person, being, self

(1) a private **individual**, (2) **individual** freedom

As an **individual**, he had the right to make his own decisions and live his life as he saw fit.

associate

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

synonym: tie in, link, consociate

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

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

function

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

synonym: purpose, mapping, job

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

The brain is an incredibly complex organ that controls the

body's **function**.

multiply

v. to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity

synonym: boost, amplify, reproduce

(1) **multiply** 5 and 6, (2) **multiply** about hundredfold

Multiply a number by itself twice.

complicated

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

synonym: complex, convoluted, intricate

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

complicated

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

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.

consist

v. to be composed or made up of

synonym: lie in, comprise, exist

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

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

repeatedly

adv. again and again; many times

synonym: frequently, over and over, constantly

(1) use cell phone **repeatedly**, (2) **repeatedly** nod

He claims that his legitimate requests were **repeatedly** ignored.

adjustment

n. a small change or movement made to something to improve it and achieve the desired result

synonym : alteration, adaptation, modification

(1) **adjustment** by hand, (2) a fine **adjustment**

He assumed the role of the arbitral **adjustment** of the controversy.

strengthen

v. to become stronger or more effective; to make someone or something stronger or more effective

synonym : reinforce, harden, boost

(1) **strengthen** the immune system, (2) **strengthen** a border patrol

Difficulties **strengthen** the mind, as labor does the body.

influence

n. the ability to affect someone's or something's character, growth, or behavior, or the effect itself

synonym : power, leverage, effect

(1) **influence** a child's future, (2) **influence** the daily life

The former emperor had a particular **influence** even after he abdicated.

desire

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

synonym : ambition, appetite, greed

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

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

detect

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

synonym : catch, observe, notice

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

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

undergraduate

n. a student who is studying for their first degree at a university or other higher education institution

synonym : college student, freshman

(1) engineering **undergraduate**, (2) **undergraduate** course
The class was composed of both **undergraduate** and graduate students.

impressive

adj. arousing admiration due to size, quality, or skill
synonym: impactful, remarkable, exceptional

(1) **impressive** performances, (2) an **impressive** array of facts

The budget reduction was an **impressive** feat for our nation.

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.

thesis

n. a written essay, especially one submitted for a university degree, that sets out the author's findings on a particular subject

synonym: dissertation, argument, treatise

(1) a drift of a **thesis**, (2) master **thesis**

His **thesis** on the effects of climate change won several awards.

parallel

adj. being everywhere equidistant and not intersecting; of or relating to the simultaneous performance of multiple operations

synonym: aligned, side-by-side, similar

(1) a **parallel** case, (2) **parallel** processing

He walked a road **parallel** to the railroad.

random

adj. made, done, or happening without method, conscious decision, or any regular pattern

synonym: incidental, arbitrary, unanticipated

(1) a **random** choice, (2) bombs fell at **random**

To find drunk drivers, police conduct **random** tests.

frame

n. a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window

synonym: body, skeleton, scaffolding

(1) a picture **frame**, (2) the **frame** of the policy

The detective looked for fingerprints on the window **frame**.

recognize

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

synonym: acknowledge, identify, admit

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

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

remarkable

adj. worthy of attention because unusual or special

synonym: outstanding, exceptional, extraordinary

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

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

hone

v. to sharpen or perfect something; to improve a skill or ability through practice

synonym: sharpen, refine, perfect

(1) **hone** abilities, (2) **hone** intuition

The athlete worked with a coach to **hone** her techniques and improve her performance.

concept

n. an idea or principle associated with something abstract

synonym: idea, notion, vision

(1) learn new **concepts**, (2) **concept** car

One such rapidly growing **concept** is quantum cryptography.

string

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

synonym: line, wire, rope

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

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

recognition

n. the action or process of recognizing or being recognized, especially by remembering; an agreement that something is true or legal

synonym: acknowledgement, identification, credit

(1) **recognition** award, (2) joint **recognition**

He was given **recognition** for his outstanding work in the field of medicine.

improvisation

n. the act of making something up on the spot or creating or performing something without preparation

synonym: spontaneity, ad-lib, extemporization

(1) **improvisation** on stage, (2) jazz **improvisation**

He created a beautiful piece of music using only **improvisation**.

query

n. a question or inquiry, often used in the context of research, information-gathering, or data analysis; a request for information

synonym: question, inquiry, investigation

(1) **query** language, (2) **query** result

I had a **query** about my bank statement and called customer service for an explanation.

geography

n. a field of science devoted to the study of the lands, features, inhabitants, and phenomena of the Earth

synonym: landscape, terrain, topography

(1) **geography** class, (2) economic **geography**

She did well on her **geography** exam.

improve

v. to make or become better

synonym: enhance, ameliorate, enrich

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

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

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.

tolerant

adj. accepting different views, beliefs, or practices without judgment or interference

synonym: forgiving, lenient, permissive

(1) a **tolerant** teacher, (2) **tolerant** of his failure

She was known for her **tolerant** attitude toward different cultures.

precision

n. the quality or condition of being exact and accurate

synonym: accuracy, exactness, rigor

(1) a **precision** instrument, (2) speak with **precision**

This operation requires both patience and **precision**.

digit

n. one of the elements that collectively form a system of numeration; a finger, thumb, or toe

synonym: number, integer, numeral

(1) **digit** identifier, (2) the **digit** in the hundreds place

We must enter a six- **digit** number to unlock the safe.

compose

v. to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it

synonym: compile, constitute, build

(1) **compose** an essay, (2) **compose** my thoughts

The structure is **composed** of three main components.

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.

matrix

n. a rectangular array of numbers, symbols, or expressions, arranged in rows and columns and often enclosed in brackets; an enclosure within which something originates or develops

synonym: grid, cast, table

(1) the **matrix** of Western civilization, (2) **matrix** multiplication

The **matrix** of numbers on the spreadsheet allowed the accountant to track the company's profits and losses easily.

vector

n. a quantity that has both magnitude and direction, often used in mathematics, physics, and engineering to describe forces, velocities, or other physical phenomena; any agent (person or animal, or microorganism) that carries and transmits a disease

synonym: carrier, transporter, conveyor

(1) disease **vector**, (2) a **vector** operation

The mosquito is a common **vector** for many diseases, including malaria and Zika.

operate

v. to work in a particular way; to supervise something

synonym: work, use, employ

(1) **operate** 24 hours a day, (2) manually **operate** a machine

This machine is too difficult to **operate** for me.

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.

compete

v. to strive to achieve more success than someone or something

synonym: contend, contest, vie

(1) **compete** against a friend, (2) **compete** fiercely

You must **compete** with others to obtain this position.

rack

n. a framework or support structure used to hold or display objects; a set of interconnected shelves or compartments used for storage; a source of torture, distress, or mental anguish

synonym: shelf, stand, frame

(1) clothing **rack**, (2) spice **rack**

I need to buy a new coat **rack** to organize my winter jackets.

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**.

subsequent

adj. happening or occurring later or after something else

synonym: later, following, ensuing

(1) over **subsequent** months, (2) reduce **subsequent** mortality

In the **subsequent** meeting, the team discussed ways to improve productivity.

exciting

adj. causing a lot of interest or excitement

synonym: exhilarating, stimulating, thrilling

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

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

curate

n. a clergyman who is in charge of a parish; a person in charge of a museum, gallery, or church, responsible for the care and display of its collections and exhibitions; (verb) to carefully select, organize, and maintain items in

a collection, exhibition, or presentation

synonym: minister, caretaker, (verb) arrange

(1) perpetual **curate**, (2) **curate** an art website

The art museum has hired a **curate** to select and display pieces from its collection.

architecture

n. the art and science of designing and constructing buildings

synonym: design, structure, layout

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

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

initialize

v. to set the value in a computer program so that it is ready to operate; divide a disk into marked sectors so that it may store data

synonym: boot up, boot, load

(1) **initialize** an array, (2) **initialize** a PC

He **initialized** a magnetic disk to write data on it.

separate

v. to force, take, or pull apart; mark as different

synonym: disunite, isolate, ramify

(1) **separate** video into chapter, (2) **separate** cream from milk

We need to **separate** the aspect of his personality from the part of his competence when making an investment decision.

experiment

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

synonym: experimentation, investigation

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

His **experiments** showed highly positive results.

vertical

adj. upright or perpendicular to a horizontal surface or line

synonym: perpendicular, upright, plumb

(1) **vertical** takeoff, (2) **vertical** axis

The ladder leaned against the **vertical** surface of the building.

hydroponic

adj. relating to the cultivation of plants in nutrient-rich water instead of soil, often using specialized equipment or systems to optimize growth and production

synonym : soilless, aquaponic, aquacultural

(1) **hydroponic** vegetables, (2) **hydroponic** farm

The **hydroponic** garden in my kitchen allows me to grow fresh herbs and vegetables year-round.

lever

n. a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily

synonym : lifter, crowbar, bar

(1) a gear change **lever**, (2) **lever** for reform

This initiative will be a **lever** for increasing company sales.

scratch

v. to cut or damage the surface of something or the skin with a sharp or pointed object

synonym : claw, rub, scrape

(1) **scratch** off a name, (2) **scratch** my signature

Don't **scratch** your mosquito bites.

crazy

adj. stupid or not sensible; very angry

synonym : insane, absurd, bizarre

(1) **crazy** about cars and racing, (2) a **crazy** scheme

The rain and thunder are **crazy** today.

multitasking

n. the ability to do more than one task at the same time; the state of doing more than one task at the same time

synonym : juggling, multihandling, parallelism

(1) computer **multitasking**, (2) **multitasking** ability

She could finish all her work on time because of her **multitasking** skills.

relate

v. to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something

synonym: connect, link, associate

(1) **relate** a story, (2) **relate** a message

He tried to **relate** his experience to the group, but they couldn't understand.

confront

v. to face, meet or deal with a problem or difficult situation or person

synonym: engage, encounter, contend

(1) **confront** a global warming, (2) **confront** the issue

He finally decided to **confront** problems directly.

identify

v. to recognize someone or something and say or prove who or what they are

synonym: determine, specify, recognize

(1) **identify** handwriting, (2) **identify** gene sequences

I will introduce you to how to **identify** the leading causes of the malfunction.

mod

n. a modification or alteration, typically one made to improve something or increase its functionality; a British teenager or young adult in the 1960s, noted for their clothes consciousness and opposition to the rockers

synonym: alteration, modification, tweak

(1) **mod** culture, (2) a house with **mod** cons

The **mod** for the video game added new features and improved gameplay.

continuously

adv. without being interrupted or paused; repeatedly

synonym: constantly, frequently, always

(1) use one thing **continuously**, (2) **continuously** removed

The country's domestic coal consumption has been **continuously** declining for decades.

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?

fuse

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

synonym: (verb) melt, (verb) blend

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

He has a short **fuse**.

regardless

adv. not paying attention or considering something or someone even if the situation is bad or there are difficulties

synonym: anyhow, nevertheless, still

(1) **regardless** of the difficulties, (2) **regardless** tread
People can pick out superior products **regardless** of the quality of the advertising.

leopard

n. a large wild cat that has yellow-brown fur with black spots and lives in Africa and southern Asia

(1) snow **leopard**, (2) **leopard** print

Leopards lurked in the grass to catch their prey.

trigger

v. to make something happen suddenly; to cause something such as a device, machine, etc. to function

synonym: activate, spark, drive

(1) **trigger** a biochemical response, (2) **trigger** inflation

The incident **triggered** a political controversy.

nonhuman

adj. not human; belonging to or characteristic of animals or things rather than people

synonym: inhuman, animal, artificial

(1) **nonhuman** species, (2) **nonhuman** intelligence

The experiment was conducted on **nonhuman** primates.

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.

dense

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

synonym : heavy, thick, idiotic

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

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

brain

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

synonym : intellect, mind, encephalon

(1) basic **brain** function, (2) permanent **brain** damage

X-rays revealed a small tumor in his **brain**.

relevance

n. the state or degree of being closely connected or appropriate to the matter at hand

synonym : pertinence, applicability, connection

(1) have no **relevance**, (2) **relevance** category

The **relevance** of this information to the current situation needs to be investigated.

nervous

adj. worried and anxious about something; relating to the nerves

synonym : neural, anxious, uneasy

(1) development of the **nervous** system, (2) get **nervous**

He suffers from **nervous** breakdowns.

garbage

n. waste material, especially food waste and kitchen refuse

synonym : waste, trash, debris

(1) **garbage** collection, (2) lump of **garbage**

The **garbage** truck will be coming to pick up the trash every Monday morning.

sonnet

n. a 14-line poem, typically with a formal rhyme scheme

synonym: poetic form, 14-line verse

(1) **sonnet** poetry, (2) Shakespeare's **sonnets**

The poet wrote a **sonnet** to express his love for his wife.

inactive

adj. not doing any or much physical activity; lying idle or unused

synonym: inoperative, passive, stagnant

(1) become **inactive**, (2) an **inactive** volcano

The chronic back pain forced him to live an **inactive** life.

sparsely

adv. occurring, existing, or situated at wide intervals; in a scattered or thinly populated manner; with a low density or concentration

synonym: rarely, thinly

(1) **sparsely** attended, (2) **sparsely** decorated

The town was **sparsely** populated, with only a few houses scattered around the area.

advantage

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

synonym: benefit, edge, asset

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

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

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.

sparse

adj. only in small quantities or numbers and often spread over a wide area

synonym: scarce, exiguous, infrequent

(1) a **sparse** population, (2) **sparse** snowfall

There is a **sparse** area between galaxies.

increment

n. a regular increase in the amount of something, such as money; a process of becoming larger, longer, or more important

synonym: increase, expansion, addendum

(1) steady **incremental** growth, (2) small **increments**

The bid **increment** for this auction is \$100.

responsible

adj. answerable or accountable for something within one's power, control, or management

synonym: accountable, answerable, liable

(1) **responsible** action, (2) **responsible** for a customer service

She's a **responsible** pet owner who ensures her dog gets enough exercise and a healthy diet.

interpret

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

synonym: decode, decipher, analyze

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

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

privacy

n. someone's right to keep their personal matters and relationships not watched or interrupted by other people

synonym: seclusion, aloneness, solitariness

(1) **privacy** abuse, (2) trespass on a person's **privacy**

This conduct would be an invasion of **privacy**.

representative

n. someone who speaks or acts officially on behalf of another person or group of people

synonym: spokesperson, agent, delegate

(1) an official **representative**, (2) sales **representative**

The media **representatives** had special passes.

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.

aspect

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

synonym: characteristic, element, factor

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

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

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.

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.

moving

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

synonym: emotional, poignant, touching

(1) **moving** experience, (2) **moving** ceremony
His **moving** speech about his struggles with addiction brought tears to the audience's eyes.

intelligent

adj. having the capacity for thought and reason, especially to a high degree

synonym: brilliant, clever, competent

(1) an **intelligent** person, (2) **intelligent** assisting system
Intelligent robots that can cooperate with humans have limited motor output for safety.

tackle

v. to try to deal with a complex problem or situation

synonym: deal with, dive into, work on

(1) **tackle** the issue, (2) help **tackle** climate change
The government is determined to **tackle** sharp inflation.

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.

medicinal

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

synonym: curative, therapeutic, healing

(1) **medicinal** chemistry, (2) traditional **medicinal**
The **medicinal** properties of this herb have been known to help with various ailments.

infuse

v. to fill something with a particular quality, feeling, or influence; to imbue

synonym: instill, fill, permeate

(1) **infuse** with spirit, (2) **infuse** life with meaning
She **infused** fresh herbs into the soup for added flavor.

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.

physics

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

educational

adj. relating to education or providing knowledge or instruction
synonym: instructional, informative, enlightening
(1) **educational** system, (2) elevate **educational** standards
The museum offers a variety of **educational** programs for children and adults.

individualize

v. to make something personal or more personal to suit the needs of a particular person, place, etc.
synonym: personalize, differentiate
(1) **individualize** each patient, (2) **individualize** dosages
Our schools offer **individualized** education by excellent teachers.

tutor

n. a person who teaches or gives private instruction in a particular subject or skill
synonym: teacher, instructor, mentor
(1) freelance **tutor**, (2) **tutor** student
The skillful **tutor** helped me improve my grades in math.

climate

n. the weather in a particular location averaged over some long period
synonym: atmosphere, weather, environment
(1) a cold **climate**, (2) effects of **climate** change
Climate and weather have an impact on every part of our lifestyles.

multidisciplinary

adj. integrating or involving various academic fields or different skills in a topic or problem-solving approach

synonym : integrative, interdisciplinary

(1) **multidisciplinary** project, (2) **multidisciplinary** analysis

He adopted a **multidisciplinary** research approach to unravel complex phenomena.

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.

atom

n. the smallest unit of ordinary matter that forms a chemical element, composed of a nucleus and one or more electrons bound to the nucleus

synonym : particle, element, fraction

(1) oxygen **atom**, (2) neutral hydrogen **atoms**

The outermost electron shell of an **atom** determines its chemical characteristics.

layer

n. a sheet, quantity, or thickness of the material, typically one of several, covering a surface or body; a level or part within a system or set of ideas

synonym : stratum, sheet, coating

(1) **layer** cake, (2) **layer** of paint

The **layer** of frost on the ground was so thick it was difficult to walk on.

excite

v. to make someone feel suddenly enthusiastic or eager

synonym : thrill, exhilarate, animate

(1) **excite** the crowd, (2) **excite** rebellion

The news of her promotion **excited** her.

dean

n. a person in charge of a college, faculty, or other academic departments, tasked with overseeing its operations, policies, and staff; a senior member of a profession or organization who is highly respected for their knowledge and experience

synonym: head, director, chancellor

(1) **dean's** list, (2) **dean** of faculty

The university's **dean** was responsible for overseeing the academic programs and policies.

grand

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

synonym: impressive, great, ambitious

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

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

generalize

v. to make something, such as a theory, idea, etc., more widespread or widely applicable based on what is true in some cases

synonym: conclude, derive, extrapolate

(1) **generalize** Kepler's first law, (2) **generalize** sophisticatedly

It's dangerous to **generalize** about people.

effortless

adj. requiring little or no effort; not difficult or strenuous; easy to accomplish

synonym: easy, simple, uncomplicated

(1) **effortless** victory, (2) **effortless** beauty

The dancer made her performance look **effortless** and graceful.

relative

adj. considered and evaluated through comparison with something else

synonym: comparative, proximate, congeneric

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

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

supervise

v. to watch over and direct someone or something, especially in a position of responsibility

synonym: oversee, manage, control

(1) **supervise** entrance test takers, (2) **supervise** team activity

She was asked to **supervise** the construction project.

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.

terrifying

adj. very frightening or intimidating

synonym: frightening, intimidating, alarming

(1) **terrifying** experience, (2) **terrifying** events

Large earthquakes often generate **terrifying** tsunamis.

unintended

adj. not planned or meant

synonym: accidental, unconsenting, involuntary

(1) **unintended** bias, (2) **unintended** misunderstanding

Excessive human interference in the global environment may bring **unintended** consequences.

consequence

n. the outcome of a particular action or event, especially relative to an individual

synonym: result, impact, outcome

(1) unintended **consequences**, (2) the **consequence** of an argument

These economic activities had disastrous environmental **consequences**.

negative

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

synonym: minus, adverse, pessimistic

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

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.

controversy

n. a lot of discussion and argument about something, often involving strong feelings of anger or disapproval
synonym: disagreement, dispute, argument

(1) **controversy** among researchers, (2) arouse **controversy**
They entered into **controversy** with the member of the ruling party.

specific

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

(1) **specific** instructions, (2) industry- **specific** regulations
The scientist conducted a study that provided **specific** details about the species' behavior.

committed

adj. willing to put in a lot of effort, time, and energy into something; firmly believing in something
synonym: devoted, faithful, attached

(1) in a **committed** relationship, (2) strong and **committed** sales staff
Our company is strongly **committed** to meeting customers' needs.

absolutely

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

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

girl

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

machine-learning

n. the process through which computers change the way they perform jobs without following explicit instructions by using algorithms and statistical models to analyze and draw inferences from patterns in data

(1) **machine-learning** method, (2) **machine-learning** processor

Many software engineers are developing applications to build **machine-learning** algorithms more quickly.

adapt

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

synonym: adjust, acclimate, accustom

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

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

augment

v. to increase the size, extent, quantity, etc. of something by adding something to it

synonym: boost, increase, expand

(1) **augment** the reality, (2) **augment** immunity

Economic factors and monetary policy **augmented** inflation.

addition

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

synonym: accumulation, expansion, addendum

(1) chemical **addition**, (2) **addition** of vectors

In **addition**, private corporations provide healthcare services.

maximum

adj. the largest or greatest amount or value attainable or attained

synonym: peak, top, highest

(1) **maximum** limit, (2) the **maximum** speed

The **maximum** temperature recorded this summer was higher than average.

profitable

adj. making or likely to make material gain or profit

synonym: advantageous, beneficial, thriving

(1) a **profitable** job, (2) **profitable** trade

The Prohibition amendment made bootlegging **profitable**.

wriggle

v. to twist and turn with quick, writhing motions; to move in a twisting or contorting manner

synonym: squirm, jerk, twist

(1) **wriggle** free, (2) **wriggle** in surprise

The child started to **wriggle** out of their seatbelt during the long car ride.

weird

adj. extraordinary, unexpected, or difficult to explain

synonym: bizarre, creepy, peculiar

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

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

church

n. a building or institution dedicated to religious worship or activities; a Christian religious organization or denomination

synonym: chapel, cathedral, synagogue

(1) **church** bell, (2) small **church**

The **church** on the corner is hosting a free community meal tonight.

commerce

n. the activity of buying and selling things, especially on a large scale

synonym: trade, transaction, dealings

(1) interstate **commerce**, (2) the local chamber of **commerce**

This company has invested heavily in Internet **commerce**.

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.

collaborate

v. to work with someone else to produce or achieve something

synonym: cooperate, unite, get together

(1) **collaborate** with the police, (2) **collaborate** on a press release

She agreed to **collaborate** with him in creating new artwork.

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.

openly

adv. without hiding any of your feelings, opinions, or facts; frankly and trustfully

synonym: honestly, blatantly, candidly

(1) **openly** break the law, (2) **openly** discuss disagreement
He **openly** apologized for his mistake.

discuss

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

synonym: talk about, converse, debate

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

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

technological

adj. based on scientific and industrial progress

synonym: specialized, technical

(1) **technological** advancement, (2) **technological** policy

Technological advances have disrupted many industries.

Session 2: Spelling

1. ind_____ize dosages
v. to make something personal or more personal to suit the needs of a particular person, place, etc.
2. no_____an intelligence
adj. not human; belonging to or characteristic of animals or things rather than people
3. ne___l networks in AI
adj. of or relating to a nerve or the nervous system that includes the brain
4. a house with m_d cons
n. a modification or alteration, typically one made to improve something or increase its functionality; a British teenager or young adult in the 1960s, noted for their clothes consciousness and opposition to the rockers
5. mu_____ly about hundredfold
v. to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity
6. mac_____ing processor
n. the process through which computers change the way they perform jobs without following explicit instructions by using algorithms and statistical models to analyze and draw inferences from patterns in data
7. small ch___h
n. a building or institution dedicated to religious worship or activities; a Christian religious organization or denomination

ANSWERS: 1. individualize, 2. nonhuman, 3. neural, 4. mod, 5. multiply, 6. machine-learning, 7. church

8. ve____al axis *adj.* upright or perpendicular to a horizontal surface or line
9. joint rec_____on *n.* the action or process of recognizing or being recognized, especially by remembering; an agreement that something is true or legal
10. pro_____on of disease *n.* the act or process of changing to the next stage or phase or moving forward
11. series of exp_____nts *n.* the scientific test conducted to observe what happens and gain new knowledge
12. mo____g experience *adj.* causing strong emotions or feelings, especially sadness or sympathy
13. tre_____us popularity *adj.* very great in degree or extent or amount or impact; extremely good
14. a picture fr__e *n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
15. traditional me_____al *adj.* of or relating to the treatment or cure of disease
16. re____ve factors *adj.* considered and evaluated through comparison with something else
17. com_____ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
18. ter_____ng events *adj.* very frightening or intimidating
19. mac_____ing method *n.* the process through which computers change the way they perform jobs without following explicit instructions by using algorithms and statistical models to analyze and draw inferences from patterns in data

ANSWERS: 8. vertical, 9. recognition, 10. progression, 11. experiment, 12. moving, 13. tremendous, 14. frame, 15. medicinal, 16. relative, 17. complexity, 18. terrifying, 19. machine-learning

20. sc____h off a name *v.* to cut or damage the surface of something or the skin with a sharp or pointed object
21. re___e a message *v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
22. 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
23. permanent br__n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
24. the ma_____m speed *adj.* the largest or greatest amount or value attainable or attained
25. oxygen a__m *n.* the smallest unit of ordinary matter that forms a chemical element, composed of a nucleus and one or more electrons bound to the nucleus
26. an in_____ve volcano *adj.* not doing any or much physical activity; lying idle or unused
27. h__e intuition *v.* to sharpen or perfect something; to improve a skill or ability through practice
28. economic ge_____hy *n.* a field of science devoted to the study of the lands, features, inhabitants, and phenomena of the Earth
29. co_____t mainly of cells *v.* to be composed or made up of

ANSWERS: 20. scratch, 21. relate, 22. tradition, 23. brain, 24. maximum, 25. atom, 26. inactive, 27. hone, 28. geography, 29. consist

30. de__e forests *adj.* containing a large number of people or something with little space between them
31. the di__t in the hundreds place *n.* one of the elements that collectively form a system of numeration; a finger, thumb, or toe
32. the DNA se____ce *n.* a series of related events, actions, numbers, etc., which have a particular order
33. ge____hy class *n.* a field of science devoted to the study of the lands, features, inhabitants, and phenomena of the Earth
34. in____et the question *v.* to explain or assign the meaning of information, actions, etc.
35. an int____nt person *adj.* having the capacity for thought and reason, especially to a high degree
36. in____ce a child's future *n.* the ability to affect someone's or something's character, growth, or behavior, or the effect itself
37. have a ne____ve effect *adj.* having the quality of something bad or harmful; expressing refusal
38. lump of ga____e *n.* waste material, especially food waste and kitchen refuse
39. the con____ce of an argument *n.* the outcome of a particular action or event, especially relative to an individual
40. re____ze achievement *v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered

ANSWERS: 30. dense, 31. digit, 32. sequence, 33. geography, 34. interpret, 35. intelligent, 36. influence, 37. negative, 38. garbage, 39. consequence, 40. recognize

41. use cell phone rep_____ly *adv.* again and again; many times
42. two op_____d characters *adj.* being completely different from something or disagreeing strongly with something
43. 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
44. bre_____ugh in the negotiations *n.* a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem
45. tr_____nt by diet *n.* the way in which someone deals with or behaves towards someone or something; medical care provided to a patient for an injury or illness.
46. fl__d advisory *n.* a large amount of water flowing beyond its normal limits; an overwhelming number or amount
47. 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
48. ini_____ze a PC *v.* to set the value in a computer program so that it is ready to operate; divide a disk into marked sectors so that it may store data
49. the se_____ce of the seasons *n.* a series of related events, actions, numbers, etc., which have a particular order

ANSWERS: 41. repeatedly, 42. opposed, 43. develop, 44. breakthrough, 45. treatment, 46. flood, 47. decide, 48. initialize, 49. sequence

50. uni_____ed misunderstanding *adj.* not planned or meant
51. a ve___r operation *n.* a quantity that has both magnitude and direction, often used in mathematics, physics, and engineering to describe forces, velocities, or other physical phenomena; any agent (person or animal, or microorganism) that carries and transmits a disease
52. re_____ce category *n.* the state or degree of being closely connected or appropriate to the matter at hand
53. elevate edu_____al standards *adj.* relating to education or providing knowledge or instruction
54. re_____ze talent *v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
55. manually op_____e a machine *v.* to work in a particular way; to supervise something
56. exp_____nt design *n.* the scientific test conducted to observe what happens and gain new knowledge
57. engineering und_____ate *n.* a student who is studying for their first degree at a university or other higher education institution
58. development of the ne_____s system *adj.* worried and anxious about something; relating to the nerves
59. ma___x multiplication *n.* a rectangular array of numbers, symbols, or expressions, arranged in rows and columns and often enclosed in brackets; an enclosure within which something originates or develops

ANSWERS: 50. unintended, 51. vector, 52. relevance, 53. educational, 54. recognize, 55. operate, 56. experiment, 57. undergraduate, 58. nervous, 59. matrix

60. interstate co_____ce *n.* the activity of buying and selling things, especially on a large scale
61. su_____se entrance test takers *v.* to watch over and direct someone or something, especially in a position of responsibility
62. a to_____nt teacher *adj.* accepting different views, beliefs, or practices without judgment or interference
63. 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
64. computer mul_____ing *n.* the ability to do more than one task at the same time; the state of doing more than one task at the same time
65. the most am_____g feeling *adj.* extremely surprising, especially in a way that you like or admire
66. nuclear ph_____s *n.* the science of matter and energy and their interactions
67. 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
68. disease ve____r *n.* a quantity that has both magnitude and direction, often used in mathematics, physics, and engineering to describe forces, velocities, or other physical phenomena; any agent (person or animal, or microorganism) that carries and transmits a disease

ANSWERS: 60. commerce, 61. supervise, 62. tolerant, 63. alto, 64. multitasking, 65. amazing, 66. physics, 67. efficient, 68. vector

69. sales rep_____ive *n.* someone who speaks or acts officially on behalf of another person or group of people
70. un_____ie the current economic deadlock *v.* to be the support, basis, hidden cause of something; to be located under or below
71. str_____en a border patrol *v.* to become stronger or more effective; to make someone or something stronger or more effective
72. ve_____al takeoff *adj.* upright or perpendicular to a horizontal surface or line
73. in_____e life with meaning *v.* to fill something with a particular quality, feeling, or influence; to imbue
74. a gr___d meal *adj.* important and large in size, scope, or extent
75. abs_____ly obsessed with the girl *adv.* without restriction or limitation; completely or utterly
76. au_____t immunity *v.* to increase the size, extent, quantity, etc. of something by adding something to it
77. cu_____e an art website *n.* a clergyman who is in charge of a parish; a person in charge of a museum, gallery, or church, responsible for the care and display of its collections and exhibitions; (verb) to carefully select, organize, and maintain items in a collection, exhibition, or presentation
78. have ge_____c testing *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes

ANSWERS: 69. representative, 70. underlie, 71. strengthen, 72. vertical, 73. infuse, 74. grand, 75. absolutely, 76. augment, 77. curate, 78. genetic

79. co____nt a global warming
v. to face, meet or deal with a problem or difficult situation or person
80. co____al swimming pool
adj. belonging to or used by a group rather than individuals; for common use
81. put a we__e under the door
n. a piece of wood, metal, or other material with one thick end and a narrow edge that is driven between two things or parts of objects to secure or separate them
82. imp_____ve performances
adj. arousing admiration due to size, quality, or skill
83. an official rep_____ive
n. someone who speaks or acts officially on behalf of another person or group of people
84. im____e a process
v. to make or become better
85. the rem_____le breadth of knowledge
adj. worthy of attention because unusual or special
86. rem_____le achievement
adj. worthy of attention because unusual or special
87. h__e abilities
v. to sharpen or perfect something; to improve a skill or ability through practice
88. op_____e 24 hours a day
v. to work in a particular way; to supervise something
89. hyd_____ic vegetables
adj. relating to the cultivation of plants in nutrient-rich water instead of soil, often using specialized equipment or systems to optimize growth and production
90. in____e with spirit
v. to fill something with a particular quality, feeling, or influence; to imbue

ANSWERS: 79. confront, 80. communal, 81. wedge, 82. impressive, 83. representative, 84. improve, 85. remarkable, 86. remarkable, 87. hone, 88. operate, 89. hydroponic, 90. infuse

91. uni_____ed bias *adj.* not planned or meant
92. laws of ph_____s *n.* the science of matter and energy and their interactions
93. unintended con_____ces *n.* the outcome of a particular action or event, especially relative to an individual
94. an imp_____ve array of facts *adj.* arousing admiration due to size, quality, or skill
95. a gear change le__r *n.* a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily
96. a cold cl_____e *n.* the weather in a particular location averaged over some long period
97. gen_____ze Kepler's first law *v.* to make something, such as a theory, idea, etc., more widespread or widely applicable based on what is true in some cases
98. 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
99. in a co_____ed relationship *adj.* willing to put in a lot of effort, time, and energy into something; firmly believing in something

ANSWERS: 91. unintended, 92. physics, 93. consequence, 94. impressive, 95. lever, 96. climate, 97. generalize, 98. process, 99. committed

100. se____te video into chapter *v.* to force, take, or pull apart; mark as different
101. ne____n cell body *n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body
102. tec____cal advancement *adj.* based on scientific and industrial progress
103. a bu__h of schoolgirls *n.* a grouping of several similar things which are growing or fastened together
104. eff____ss beauty *adj.* requiring little or no effort; not difficult or strenuous; easy to accomplish
105. the ha____re department *n.* durable tools, machinery, and other equipment; the physical and electronic parts of a computer or other electronic systems
106. ad____e the technology *v.* to go or move forward; to develop in a positive way
107. en____er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
108. co____e an essay *v.* to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it
109. co____t only in knowing facts *v.* to be composed or made up of
110. m_d culture *n.* a modification or alteration, typically one made to improve something or increase its functionality; a British teenager or young adult in the 1960s, noted for their clothes consciousness and opposition to the rockers

ANSWERS: 100. separate, 101. neuron, 102. technological, 103. bunch, 104. effortless, 105. hardware, 106. advance, 107. engineer, 108. compose, 109. consist, 110. mod

111. in_____ce the daily life *n.* the ability to affect someone's or something's character, growth, or behavior, or the effect itself
112. em_____e a successful business model *v.* to imitate someone else's achievements to try to do something as well as somebody else
113. drive a we__e into a relationship *n.* a piece of wood, metal, or other material with one thick end and a narrow edge that is driven between two things or parts of objects to secure or separate them
114. trespass on a person's pr_____y *n.* someone's right to keep their personal matters and relationships not watched or interrupted by other people
115. snow le_____d *n.* a large wild cat that has yellow-brown fur with black spots and lives in Africa and southern Asia
116. ad__t fully to the environment *v.* to make fit for or change to suit a new purpose or environment
117. 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
118. 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

ANSWERS: 111. influence, 112. emulate, 113. wedge, 114. privacy, 115. leopard, 116. adapt, 117. process, 118. efficient

119. ind_____ize each patient *v.* to make something personal or more personal to suit the needs of a particular person, place, etc.
120. co___g challenge *n.* the process of writing or creating computer code, which is a set of instructions that tells a computer what to do to create software, websites, apps, and other digital products
121. become increasingly com_____ed *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
122. tr_____te a document into English *v.* to convert or change words into another language
123. am_____g advances *adj.* extremely surprising, especially in a way that you like or admire
124. spice r__k *n.* a framework or support structure used to hold or display objects; a set of interconnected shelves or compartments used for storage; a source of torture, distress, or mental anguish
125. col_____te with the police *v.* to work with someone else to produce or achieve something
126. tec_____cal policy *adj.* based on scientific and industrial progress
127. le__r for reform *n.* a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily

ANSWERS: 119. individualize, 120. coding, 121. complicated, 122. translate, 123. amazing, 124. rack, 125. collaborate, 126. technological, 127. lever

128. res_____le action *adj.* answerable or accountable for something within one's power, control, or management
129. key co_____nt *n.* one of several parts that combines with others to form something bigger
130. steady in_____ntal growth *n.* a regular increase in the amount of something, such as money; a process of becoming larger, longer, or more important
131. tr_____rm an education system *v.* to change in outward structure or looks;
132. gr__d bargain *adj.* important and large in size, scope, or extent
133. wr_____e free *v.* to twist and turn with quick, writhing motions; to move in a twisting or contorting manner
134. the ch_____ry of soil *n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions
135. fleshly de___e *n.* a strong feeling of wanting to have or do something
136. tr_____rm heat into power *v.* to change in outward structure or looks;
137. a pr_____on instrument *n.* the quality or condition of being exact and accurate
138. em_____e his watercolors *v.* to imitate someone else's achievements to try to do something as well as somebody else
139. absolutely op_____d to abortion *adj.* being completely different from something or disagreeing strongly with something

ANSWERS: 128. responsible, 129. component, 130. increment, 131. transform, 132. grand, 133. wriggle, 134. chemistry, 135. desire, 136. transform, 137. precision, 138. emulate, 139. opposed

140. retie the st___g and make it strong *n.* long, thin material used for tying things together, composed of several twisted threads
141. 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
142. excite the ne___ns *n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body
143. as_____te alcohol with gambling *v.* to mentally connect someone or something with someone or something else
144. sp___e snowfall *adj.* only in small quantities or numbers and often spread over a wide area
145. the state of being we__d *adj.* extraordinary, unexpected, or difficult to explain
146. cognitive com_____ty *n.* the state or quality of being complicated or intricate and difficult to understand
147. a bu__h of trees *n.* a grouping of several similar things which are growing or fastened together
148. speak with pr_____on *n.* the quality or condition of being exact and accurate
149. a fine adj_____nt *n.* a small change or movement made to something to improve it and achieve the desired result

ANSWERS: 140. string, 141. develop, 142. neuron, 143. associate, 144. sparse, 145. weird, 146. complexity, 147. bunch, 148. precision, 149. adjustment

150. a ne____ve number *adj.* having the quality of something bad or harmful; expressing refusal
151. di____s options *v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
152. id____fy handwriting *v.* to recognize someone or something and say or prove who or what they are
153. pr____y abuse *n.* someone's right to keep their personal matters and relationships not watched or interrupted by other people
154. tre____us amount *adj.* very great in degree or extent or amount or impact; extremely good
155. pa____el processing *adj.* being everywhere equidistant and not intersecting; of or relating to the simultaneous performance of multiple operations
156. co____nt the issue *v.* to face, meet or deal with a problem or difficult situation or person
157. 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
158. get ne____s *adj.* worried and anxious about something; relating to the nerves
159. di____se the problem *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
160. al____hm for image processing *n.* a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation

ANSWERS: 150. negative, 151. discuss, 152. identify, 153. privacy, 154. tremendous, 155. parallel, 156. confront, 157. hardware, 158. nervous, 159. diagnose, 160. algorithm

161. master th___s *n.* a written essay, especially one submitted for a university degree, that sets out the author's findings on a particular subject
162. ind_____al freedom *n.* a single person or thing, as distinct from a group
163. con_____sy among researchers *n.* a lot of discussion and argument about something, often involving strong feelings of anger or disapproval
164. di_____s solutions *v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
165. co_____e an average score *v.* to make a mathematical calculation
166. reg_____ss of the difficulties *adv.* not paying attention or considering something or someone even if the situation is bad or there are difficulties
167. su_____se team activity *v.* to watch over and direct someone or something, especially in a position of responsibility
168. bombs fell at ra_____m *adj.* made, done, or happening without method, conscious decision, or any regular pattern
169. use one thing con_____sly *adv.* without being interrupted or paused; repeatedly
170. the ma_____x of Western civilization *n.* a rectangular array of numbers, symbols, or expressions, arranged in rows and columns and often enclosed in brackets; an enclosure within which something originates or develops

ANSWERS: 161. thesis, 162. individual, 163. controversy, 164. discuss, 165. compute, 166. regardless, 167. supervise, 168. random, 169. continuously, 170. matrix

171. nutrient-de__e foods *adj.* containing a large number of people or something with little space between them
172. directly int_____ect with those systems *v.* to connect similar things
173. re___e a story *v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
174. acc_____sh military operations *v.* to finish or achieve something successfully
175. str_____en the immune system *v.* to become stronger or more effective; to make someone or something stronger or more effective
176. sp_____ly decorated *adv.* occurring, existing, or situated at wide intervals; in a scattered or thinly populated manner; with a low density or concentration
177. qu__y language *n.* a question or inquiry, often used in the context of research, information-gathering, or data analysis; a request for information
178. help ta___e climate change *v.* to try to deal with a complex problem or situation
179. mo___g ceremony *adj.* causing strong emotions or feelings, especially sadness or sympathy
180. the RSA al_____hm *n.* a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation

ANSWERS: 171. dense, 172. interconnect, 173. relate, 174. accomplish, 175. strengthen, 176. sparsely, 177. query, 178. tackle, 179. moving, 180. algorithm

181. in_____e a feeling of curiosity *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
182. ga_____e collection *n.* waste material, especially food waste and kitchen refuse
183. parallel com_____on *n.* the act or process of calculating something, especially an answer or amount, by using a machine or calculator
184. f__e blows *n.* a small part in an electrical device or machinery that can interrupt the flow of electrical current when it is overloaded; (verb) to become plastic or fluid or liquefied from heat
185. Shakespeare's so____ts *n.* a 14-line poem, typically with a formal rhyme scheme
186. remove lo__e hair *adj.* not securely fixed or fastened in place or able to be detached or separated from something
187. apply AI technology to art *n.* (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation
188. effects of cl_____e change *n.* the weather in a particular location averaged over some long period
189. the local chamber of co_____ce *n.* the activity of buying and selling things, especially on a large scale

ANSWERS: 181. inspire, 182. garbage, 183. computation, 184. fuse, 185. sonnet, 186. loose, 187. AI, 188. climate, 189. commerce

190. a cr__y scheme *adj.* stupid or not sensible; very angry
191. an une_____ed visitor *adj.* not anticipated or regarded as likely to happen
192. col_____te on a press release *v.* to work with someone else to produce or achieve something
193. co_____t car *n.* an idea or principle associated with something abstract
194. ex___e rebellion *v.* to make someone feel suddenly enthusiastic or eager
195. arc_____ure design *n.* the art and science of designing and constructing buildings
196. ne___l stem cells *adj.* of or relating to a nerve or the nervous system that includes the brain
197. clothing r__k *n.* a framework or support structure used to hold or display objects; a set of interconnected shelves or compartments used for storage; a source of torture, distress, or mental anguish
198. over sub_____nt months *adj.* happening or occurring later or after something else
199. jazz imp_____ion *n.* the act of making something up on the spot or creating or performing something without preparation
200. res_____le for a customer service *adj.* answerable or accountable for something within one's power, control, or management
201. adj_____nt by hand *n.* a small change or movement made to something to improve it and achieve the desired result

ANSWERS: 190. crazy, 191. unexpected, 192. collaborate, 193. concept, 194. excite, 195. architecture, 196. neural, 197. rack, 198. subsequent, 199. improvisation, 200. responsible, 201. adjustment

202. do_____wn traffic *adv.* in or towards the central area of a town or city
203. mul_____ing ability *n.* the ability to do more than one task at the same time; the state of doing more than one task at the same time
204. d__n's list *n.* a person in charge of a college, faculty, or other academic departments, tasked with overseeing its operations, policies, and staff; a senior member of a profession or organization who is highly respected for their knowledge and experience
205. a prodigious vi___n *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
206. AI expert *n.* (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation
207. ini_____ze an array *v.* to set the value in a computer program so that it is ready to operate; divide a disk into marked sectors so that it may store data
208. mul_____ary project *adj.* integrating or involving various academic fields or different skills in a topic or problem-solving approach

ANSWERS: 202. downtown, 203. multitasking, 204. dean, 205. vision, 206. AI, 207. initialize, 208. multidisciplinary

209. basic br__n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
210. cast a tra_____ion spell *n.* a complete change in form, nature, or appearance of someone or something
211. a ra___m choice *adj.* made, done, or happening without method, conscious decision, or any regular pattern
212. tr_____r inflation *v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function
213. gen_____ze sophisticatedly *v.* to make something, such as a theory, idea, etc., more widespread or widely applicable based on what is true in some cases
214. ob_____s reasons *adj.* easy to see, discover or understand
215. immune fu_____on *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
216. the tra_____ion of a tadpole into a frog *n.* a complete change in form, nature, or appearance of someone or something
217. a drift of a th___s *n.* a written essay, especially one submitted for a university degree, that sets out the author's findings on a particular subject

ANSWERS: 209. brain, 210. transformation, 211. random, 212. trigger, 213. generalize, 214. obvious, 215. function, 216. transformation, 217. thesis

218. professor of ch_____ry *n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions
219. co___g skills *n.* the process of writing or creating computer code, which is a set of instructions that tells a computer what to do to create software, websites, apps, and other digital products
220. col_____ion between companies *n.* the act or situation of working together to create or produce something
221. rec_____on award *n.* the action or process of recognizing or being recognized, especially by remembering; an agreement that something is true or legal
222. tu__r student *n.* a person who teaches or gives private instruction in a particular subject or skill
223. ch___h bell *n.* a building or institution dedicated to religious worship or activities; a Christian religious organization or denomination
224. small in_____nts *n.* a regular increase in the amount of something, such as money; a process of becoming larger, longer, or more important
225. freelance tu__r *n.* a person who teaches or gives private instruction in a particular subject or skill
226. classic arc_____ure *n.* the art and science of designing and constructing buildings

ANSWERS: 218. chemistry, 219. coding, 220. collaboration, 221. recognition, 222. tutor, 223. church, 224. increment, 225. tutor, 226. architecture

227. me_____al chemistry *adj.* of or relating to the treatment or cure of disease
228. strong and co_____ed sales staff *adj.* willing to put in a lot of effort, time, and energy into something; firmly believing in something
229. a com_____ed process *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
230. ex_____ng news *adj.* causing a lot of interest or excitement
231. la__r cake *n.* a sheet, quantity, or thickness of the material, typically one of several, covering a surface or body; a level or part within a system or set of ideas
232. d__n of faculty *n.* a person in charge of a college, faculty, or other academic departments, tasked with overseeing its operations, policies, and staff; a senior member of a profession or organization who is highly respected for their knowledge and experience
233. pro_____le trade *adj.* making or likely to make material gain or profit
234. theory of com_____on *n.* the act or process of calculating something, especially an answer or amount, by using a machine or calculator
235. pro_____on of civilization *n.* the act or process of changing to the next stage or phase or moving forward
236. nontechnical as____ts of the job *n.* one part or feature of a situation, problem, subject, etc.

ANSWERS: 227. medicinal, 228. committed, 229. complicated, 230. exciting, 231. layer, 232. dean, 233. profitable, 234. computation, 235. progression, 236. aspect

237. sc_____h my signature *v.* to cut or damage the surface of something or the skin with a sharp or pointed object
238. first-aid tr_____nt *n.* the way in which someone deals with or behaves towards someone or something; medical care provided to a patient for an injury or illness.
239. co_____e the value *v.* to make a mathematical calculation
240. a private ind_____al *n.* a single person or thing, as distinct from a group
241. di_____se with CT scans *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
242. pr_____t the future *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
243. ter_____ng experience *adj.* very frightening or intimidating
244. pr_____le in business *n.* a fundamental law or truth that explains or controls how something happens or works
245. op___y discuss disagreement *adv.* without hiding any of your feelings, opinions, or facts; frankly and trustfully
246. qu___y result *n.* a question or inquiry, often used in the context of research, information-gathering, or data analysis; a request for information
247. as_____te with people widely *v.* to mentally connect someone or something with someone or something else

ANSWERS: 237. scratch, 238. treatment, 239. compute, 240. individual, 241. diagnose, 242. predict, 243. terrifying, 244. principle, 245. openly, 246. query, 247. associate

248. la__r of paint *n.* a sheet, quantity, or thickness of the material, typically one of several, covering a surface or body; a level or part within a system or set of ideas
249. fu_____on properly *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
250. le_____d print *n.* a large wild cat that has yellow-brown fur with black spots and lives in Africa and southern Asia
251. co_____e against a friend *v.* to strive to achieve more success than someone or something
252. mul_____ary analysis *adj.* integrating or involving various academic fields or different skills in a topic or problem-solving approach
253. tense piano st____gs *n.* long, thin material used for tying things together, composed of several twisted threads
254. to_____nt of his failure *adj.* accepting different views, beliefs, or practices without judgment or interference
255. a lo__e tongue *adj.* not securely fixed or fastened in place or able to be detached or separated from something

ANSWERS: 248. layer, 249. function, 250. leopard, 251. compete, 252. multidisciplinary, 253. string, 254. tolerant, 255. loose

256. sp____ly attended *adv.* occurring, existing, or situated at wide intervals; in a scattered or thinly populated manner; with a low density or concentration
257. his conclusion was ob____s *adj.* easy to see, discover or understand
258. ex___e the crowd *v.* to make someone feel suddenly enthusiastic or eager
259. 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
260. ex_____ng football player *adj.* causing a lot of interest or excitement
261. con_____sly removed *adv.* without being interrupted or paused; repeatedly
262. di__t identifier *n.* one of the elements that collectively form a system of numeration; a finger, thumb, or toe
263. neutral hydrogen a__ms *n.* the smallest unit of ordinary matter that forms a chemical element, composed of a nucleus and one or more electrons bound to the nucleus
264. learn new co_____ts *n.* an idea or principle associated with something abstract
265. au_____t the reality *v.* to increase the size, extent, quantity, etc. of something by adding something to it
266. a remote re_____ve *adj.* considered and evaluated through comparison with something else

ANSWERS: 256. sparsely, 257. obvious, 258. excite, 259. alto, 260. exciting, 261. continuously, 262. digit, 263. atom, 264. concept, 265. augment, 266. relative

267. ad_____e a cooperative relationship *v.* to go or move forward; to develop in a positive way
268. com_____te well with my advisor *v.* to share or exchange information with others by speaking, writing, moving your body, or using other signals
269. a fl__d of questions *n.* a large amount of water flowing beyond its normal limits; an overwhelming number or amount
270. tr_____r a biochemical response *v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function
271. chemical ad_____on *n.* the act or process of adding something to something else; the process of adding numbers
272. ma_____m limit *adj.* the largest or greatest amount or value attainable or attained
273. no_____an species *adj.* not human; belonging to or characteristic of animals or things rather than people
274. co_____e my thoughts *v.* to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it
275. 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
276. di_____e control *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems

ANSWERS: 267. advance, 268. communicate, 269. flood, 270. trigger, 271. addition, 272. maximum, 273. nonhuman, 274. compose, 275. communicate, 276. disease

277. di_____e prevention	<i>n.</i> a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
278. industry-sp_____ic regulations	<i>adj.</i> clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
279. reduce sub_____nt mortality	<i>adj.</i> happening or occurring later or after something else
280. a pro_____le job	<i>adj.</i> making or likely to make material gain or profit
281. human activities int_____ect with the environment	<i>v.</i> to connect similar things
282. unsatisfied de_____e	<i>n.</i> a strong feeling of wanting to have or do something
283. eff_____ss victory	<i>adj.</i> requiring little or no effort; not difficult or strenuous; easy to accomplish
284. id_____fy gene sequences	<i>v.</i> to recognize someone or something and say or prove who or what they are
285. ad__t as needed	<i>v.</i> to make fit for or change to suit a new purpose or environment
286. edu_____al system	<i>adj.</i> relating to education or providing knowledge or instruction
287. sp_____ic instructions	<i>adj.</i> clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
288. col_____ion platform	<i>n.</i> the act or situation of working together to create or produce something

ANSWERS: 277. disease, 278. specific, 279. subsequent, 280. profitable, 281. interconnect, 282. desire, 283. effortless, 284. identify, 285. adapt, 286. educational, 287. specific, 288. collaboration

289. ta___e the issue *v.* to try to deal with a complex problem or situation
290. have no re_____ce *n.* the state or degree of being closely connected or appropriate to the matter at hand
291. un_____ie the theory of the big bang *v.* to be the support, basis, hidden cause of something; to be located under or below
292. abs_____ly against *adv.* without restriction or limitation; completely or utterly
293. in_____et a graph *v.* to explain or assign the meaning of information, actions, etc.
294. pr_____t when she will arrive *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
295. op_____y break the law *adv.* without hiding any of your feelings, opinions, or facts; frankly and trustfully
296. acc_____sh a goal *v.* to finish or achieve something successfully
297. the fr__e of the policy *n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
298. re__t at a high temperature *v.* to take action in response to something
299. bre_____ugh discovery *n.* a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem

ANSWERS: 289. tackle, 290. relevance, 291. underlie, 292. absolutely, 293. interpret, 294. predict, 295. openly, 296. accomplish, 297. frame, 298. react, 299. breakthrough

300. 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
301. pr_____le of treatment *n.* a fundamental law or truth that explains or controls how something happens or works
302. reg_____ss tread *adv.* not paying attention or considering something or someone even if the situation is bad or there are difficulties
303. wr_____e in surprise *v.* to twist and turn with quick, writhing motions; to move in a twisting or contorting manner
304. a sp___e population *adj.* only in small quantities or numbers and often spread over a wide area
305. so___t poetry *n.* a 14-line poem, typically with a formal rhyme scheme
306. de___t a bad event *v.* to find or recognize something, especially something difficult to see, hear, etc.
307. co_____al combination of funds *adj.* belonging to or used by a group rather than individuals; for common use
308. hyd_____ic farm *adj.* relating to the cultivation of plants in nutrient-rich water instead of soil, often using specialized equipment or systems to optimize growth and production
309. some une_____ed events *adj.* not anticipated or regarded as likely to happen
310. mu_____ly 5 and 6 *v.* to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity

ANSWERS: 300. tradition, 301. principle, 302. regardless, 303. wriggle, 304. sparse, 305. sonnet, 306. detect, 307. communal, 308. hydroponic, 309. unexpected, 310. multiply

311. de___t smuggling across borders *v.* to find or recognize something, especially something difficult to see, hear, etc.
312. im_____e the test score *v.* to make or become better
313. re__t against his way of thinking *v.* to take action in response to something
314. do_____wn building *adv.* in or towards the central area of a town or city
315. imp_____ion on stage *n.* the act of making something up on the spot or creating or performing something without preparation
316. und_____ate course *n.* a student who is studying for their first degree at a university or other higher education institution
317. a pa_____el case *adj.* being everywhere equidistant and not intersecting; of or relating to the simultaneous performance of multiple operations
318. telescopic vi___n *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
319. cr__y about cars and racing *adj.* stupid or not sensible; very angry
320. tr_____te the emotion to a movement *v.* to convert or change words into another language
321. f__e with one another *n.* a small part in an electrical device or machinery that can interrupt the flow of electrical current when it is overloaded; (verb) to become plastic or fluid or liquefied from heat

ANSWERS: 311. detect, 312. improve, 313. react, 314. downtown, 315. improvisation, 316. undergraduate, 317. parallel, 318. vision, 319. crazy, 320. translate, 321. fuse

322. rep_____ly nod *adv.* again and again; many times
323. spare co_____nts for cars *n.* one of several parts that combines with others to form something bigger
324. in_____e him to write a novel *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
325. a we__d dress *adj.* extraordinary, unexpected, or difficult to explain
326. a civil en_____er *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
327. score an ad_____ge *n.* a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has
328. as___ts of social, political, and economic life *n.* one part or feature of a situation, problem, subject, etc.
329. de___e a question *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
330. ad_____on of vectors *n.* the act or process of adding something to something else; the process of adding numbers
331. se_____te cream from milk *v.* to force, take, or pull apart; mark as different
332. int_____nt assisting system *adj.* having the capacity for thought and reason, especially to a high degree
333. arouse con_____sy *n.* a lot of discussion and argument about something, often involving strong feelings of anger or disapproval

ANSWERS: 322. repeatedly, 323. component, 324. inspire, 325. weird, 326. engineer, 327. advantage, 328. aspect, 329. decide, 330. addition, 331. separate, 332. intelligent, 333. controversy

334. a ge____c disorder *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
335. take ad____ge of his weak points *n.* a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has
336. become in____ve *adj.* not doing any or much physical activity; lying idle or unused
337. perpetual cu____e *n.* a clergyman who is in charge of a parish; a person in charge of a museum, gallery, or church, responsible for the care and display of its collections and exhibitions; (verb) to carefully select, organize, and maintain items in a collection, exhibition, or presentation
338. co____e fiercely *v.* to strive to achieve more success than someone or something

ANSWERS: 334. genetic, 335. advantage, 336. inactive, 337. curate, 338. compete

Session 3: Fill in the Blanks

1. The skillful _____ helped me improve my grades in math.
n. a person who teaches or gives private instruction in a particular subject or skill
2. A technique called deep learning has led to _____ in AI.
n. a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem
3. The _____ properties of this herb have been known to help with various ailments.
adj. of or relating to the treatment or cure of disease
4. He _____ apologized for his mistake.
adv. without hiding any of your feelings, opinions, or facts; frankly and trustfully
5. I need to buy a new coat _____ to organize my winter jackets.
n. a framework or support structure used to hold or display objects; a set of interconnected shelves or compartments used for storage; a source of torture, distress, or mental anguish
6. Scientific knowledge will _____ significantly with the power of AI.
v. to go or move forward; to develop in a positive way
7. The university's _____ was responsible for overseeing the academic programs and policies.
n. a person in charge of a college, faculty, or other academic departments, tasked with overseeing its operations, policies, and staff; a senior member of a profession or organization who is highly respected for their knowledge and experience

ANSWERS: 1. tutor, 2. breakthroughs, 3. medicinal, 4. openly, 5. rack, 6. advance, 7. dean

8. The detective looked for fingerprints on the window _____.
- n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
9. It's important to _____ your strengths and weaknesses.
- v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
10. 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
11. The ladder leaned against the _____ surface of the building.
- adj.* upright or perpendicular to a horizontal surface or line
12. The entire mountain is covered in _____ rainforest.
- adj.* containing a large number of people or something with little space between them
13. The company has made great strides in its _____ toward sustainability.
- n.* the act or process of changing to the next stage or phase or moving forward
14. To find drunk drivers, police conduct _____ tests.
- adj.* made, done, or happening without method, conscious decision, or any regular pattern
15. The budget reduction was an _____ feat for our nation.
- adj.* arousing admiration due to size, quality, or skill
16. We must enter a six-_____ number to unlock the safe.
- n.* one of the elements that collectively form a system of numeration; a finger, thumb, or toe

ANSWERS: 8. frame, 9. recognize, 10. genetic, 11. vertical, 12. dense, 13. progression, 14. random, 15. impressive, 16. digit

17. He inserted the _____ into a split in the log.
- n.* a piece of wood, metal, or other material with one thick end and a narrow edge that is driven between two things or parts of objects to secure or separate them
18. People can pick out superior products _____ of the quality of the advertising.
- adv.* not paying attention or considering something or someone even if the situation is bad or there are difficulties
19. The bid _____ for this auction is \$100.
- n.* a regular increase in the amount of something, such as money; a process of becoming larger, longer, or more important
20. The _____ of numbers on the spreadsheet allowed the accountant to track the company's profits and losses easily.
- n.* a rectangular array of numbers, symbols, or expressions, arranged in rows and columns and often enclosed in brackets; an enclosure within which something originates or develops
21. This machine is too difficult to _____ for me.
- v.* to work in a particular way; to supervise something
22. Difficulties _____ the mind, as labor does the body.
- v.* to become stronger or more effective; to make someone or something stronger or more effective
23. 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: 17. wedge, 18. regardless, 19. increment, 20. matrix, 21. operate, 22. strengthen, 23. alto

24. How did he _____ to your idea?

v. to take action in response to something

25. The _____ of this information to the current situation needs to be investigated.

n. the state or degree of being closely connected or appropriate to the matter at hand

26. He finally decided to _____ problems directly.

v. to face, meet or deal with a problem or difficult situation or person

27. 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

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

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

29. The primary purpose of the _____ is pain relief.

n. the way in which someone deals with or behaves towards someone or something; medical care provided to a patient for an injury or illness.

30. The _____ rainstorm caused the collapse of the corral.

adj. not anticipated or regarded as likely to happen

31. He adopted a _____ research approach to unravel complex phenomena.

adj. integrating or involving various academic fields or different skills in a topic or problem-solving approach

ANSWERS: 24. react, 25. relevance, 26. confront, 27. develop, 28. grand, 29. treatment, 30. unexpected, 31. multidisciplinary

32. The _____ on the corner is hosting a free community meal tonight.
n. a building or institution dedicated to religious worship or activities; a Christian religious organization or denomination
33. The chronic back pain forced him to live an _____ life.
adj. not doing any or much physical activity; lying idle or unused
34. In _____ private corporations provide healthcare services.
n. the act or process of adding something to something else; the process of adding numbers
35. His _____ speech about his struggles with addiction brought tears to the audience's eyes.
adj. causing strong emotions or feelings, especially sadness or sympathy
36. _____ a number by itself twice.
v. to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity
37. 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
38. He _____ a magnetic disk to write data on it.
v. to set the value in a computer program so that it is ready to operate; divide a disk into marked sectors so that it may store data
39. The city is known for its impressive _____ and beautiful old buildings.
n. the art and science of designing and constructing buildings

ANSWERS: 32. church, 33. inactive, 34. addition, 35. moving, 36. Multiply, 37. hardware, 38. initialized, 39. architecture

40. The museum offers a variety of _____ programs for children and adults.
adj. relating to education or providing knowledge or instruction
41. The athlete worked with a coach to _____ her techniques and improve her performance.
v. to sharpen or perfect something; to improve a skill or ability through practice
42. We do move forward with those tasks in _____ next week.
n. a series of related events, actions, numbers, etc., which have a particular order
43. One of the main _____ of the new product is its increased efficiency.
n. a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has
44. Efficiency isn't an essential _____ here; fairness is.
n. a fundamental law or truth that explains or controls how something happens or works
45. He suffers from _____ breakdowns.
adj. worried and anxious about something; relating to the nerves
46. The former emperor had a particular _____ even after he abdicated.
n. the ability to affect someone's or something's character, growth, or behavior, or the effect itself
47. One such rapidly growing _____ is quantum cryptography.
n. an idea or principle associated with something abstract
48. 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

ANSWERS: 40. educational, 41. hone, 42. sequence, 43. advantages, 44. principle, 45. nervous, 46. influence, 47. concept, 48. efficient

49. She agreed to _____ with him in creating new artwork.
v. to work with someone else to produce or achieve something
50. The _____ truck will be coming to pick up the trash every Monday morning.
n. waste material, especially food waste and kitchen refuse
51. I am _____ opposed to his idea because of morality.
adv. without restriction or limitation; completely or utterly
52. He did _____ pen-and-ink drawings in just a few days.
adj. involving a lot of different things or parts in a way that is difficult to understand or analyze
53. Most countries prohibit sexual activity between certain close _____.
adj. considered and evaluated through comparison with something else
54. Many software engineers are developing applications to build _____ algorithms more quickly.
n. the process through which computers change the way they perform jobs without following explicit instructions by using algorithms and statistical models to analyze and draw inferences from patterns in data
55. _____ and weather have an impact on every part of our lifestyles.
n. the weather in a particular location averaged over some long period
56. The outermost electron shell of an _____ determines its chemical characteristics.
n. the smallest unit of ordinary matter that forms a chemical element, composed of a nucleus and one or more electrons bound to the nucleus

ANSWERS: 49. collaborate, 50. garbage, 51. absolutely, 52. complicated, 53. relatives, 54. machine-learning, 55. Climate, 56. atom

57. We need to _____ the aspect of his personality from the part of his competence when making an investment decision.
- v. to force, take, or pull apart; mark as different
58. The Prohibition amendment made bootlegging _____.
- adj. making or likely to make material gain or profit
59. The poet wrote a _____ to express his love for his wife.
- n. a 14-line poem, typically with a formal rhyme scheme
60. She was asked to _____ the construction project.
- v. to watch over and direct someone or something, especially in a position of responsibility
61. This conduct would be an invasion of _____.
- n. someone's right to keep their personal matters and relationships not watched or interrupted by other people
62. The evolution of processors has dramatically improved the performance of ____.
- n. (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation
63. My father's death _____ my life completely.
- v. to change in outward structure or looks;
64. Our schools offer _____ education by excellent teachers.
- v. to make something personal or more personal to suit the needs of a particular person, place, etc.

ANSWERS: 57. separate, 58. profitable, 59. sonnet, 60. supervise, 61. privacy, 62. AI, 63. transformed, 64. individualized

65. The country's domestic coal consumption has been _____ declining for decades.

adv. without being interrupted or paused; repeatedly

66. As an _____ he had the right to make his own decisions and live his life as he saw fit.

n. a single person or thing, as distinct from a group

67. The experiment was conducted on _____ primates.

adj. not human; belonging to or characteristic of animals or things rather than people

68. They entered into _____ with the member of the ruling party.

n. a lot of discussion and argument about something, often involving strong feelings of anger or disapproval

69. He is familiar with _____ and biology.

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

70. The dancer made her performance look _____ and graceful.

adj. requiring little or no effort; not difficult or strenuous; easy to accomplish

71. The class was composed of both _____ and graduate students.

n. a student who is studying for their first degree at a university or other higher education institution

72. 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

ANSWERS: 65. continuously, 66. individual, 67. nonhuman, 68. controversy, 69. chemistry, 70. effortless, 71. undergraduate, 72. inspired

73. Our system can now _____ with other databases.
v. to connect similar things
74. We want to _____ ties between our two countries.
v. to make or become better
75. Economic factors and monetary policy _____ inflation.
v. to increase the size, extent, quantity, etc. of something by adding something to it
76. He walked a road _____ to the railroad.
adj. being everywhere equidistant and not intersecting; of or relating to the simultaneous performance of multiple operations
77. The doctor diagnosed him with a rare _____ that had no known cure.
n. a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
78. The partnership program requires a mutual _____ between both agencies.
n. the act or situation of working together to create or produce something
79. Don't _____ your mosquito bites.
v. to cut or damage the surface of something or the skin with a sharp or pointed object
80. The movie has received almost universally _____ criticism.
adj. having the quality of something bad or harmful; expressing refusal

ANSWERS: 73. interconnect, 74. improve, 75. augmented, 76. parallel, 77. disease, 78. collaboration, 79. scratch, 80. negative

81. Our body transfers information along each _____ using an electrical impulse.
n. a cell that is specialized to carry information within the brain and between the brain and other parts of the body
82. He assumed the role of the arbitral _____ of the controversy.
n. a small change or movement made to something to improve it and achieve the desired result
83. _____ advances have disrupted many industries.
adj. based on scientific and industrial progress
84. 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
85. It's dangerous to _____ about people.
v. to make something, such as a theory, idea, etc., more widespread or widely applicable based on what is true in some cases
86. Large earthquakes often generate _____ tsunamis.
adj. very frightening or intimidating
87. In the _____ meeting, the team discussed ways to improve productivity.
adj. happening or occurring later or after something else
88. His professional experience includes all _____ of media production.
n. one part or feature of a situation, problem, subject, etc.
89. 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

ANSWERS: 81. neuron, 82. adjustment, 83. Technological, 84. component, 85. generalize, 86. terrifying, 87. subsequent, 88. aspects, 89. loose

90. The child started to _____ out of their seatbelt during the long car ride.
v. to twist and turn with quick, writhing motions; to move in a twisting or contorting manner
91. Different people might _____ this news differently.
v. to explain or assign the meaning of information, actions, etc.
92. The _____ temperature recorded this summer was higher than average.
adj. the largest or greatest amount or value attainable or attained
93. Our company is strongly _____ to meeting customers' needs.
adj. willing to put in a lot of effort, time, and energy into something; firmly believing in something
94. This device is used to _____ brain cancer and other tumors.
v. to determine or distinguish the nature of a problem or an illness through a careful analysis
95. The _____ will repair my telephone tomorrow morning.
n. a person whose job is designing, building, or maintaining something such as machines, structures, or software
96. There is a _____ area between galaxies.
adj. only in small quantities or numbers and often spread over a wide area
97. This examination _____ of five problems to solve.
v. to be composed or made up of
98. This operation requires both patience and _____.
n. the quality or condition of being exact and accurate

ANSWERS: 90. wriggle, 91. interpret, 92. maximum, 93. committed, 94. diagnose, 95. engineer, 96. sparse, 97. consists, 98. precision

99. There was a disturbance of _____ function.

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

100. This initiative will be a _____ for increasing company sales.

n. a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily

101. He was given _____ for his outstanding work in the field of medicine.

n. the action or process of recognizing or being recognized, especially by remembering; an agreement that something is true or legal

102. The majority of consumers _____ this brand with quality.

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

103. She was known for her _____ attitude toward different cultures.

adj. accepting different views, beliefs, or practices without judgment or interference

104. She did well on her _____ exam.

n. a field of science devoted to the study of the lands, features, inhabitants, and phenomena of the Earth

105. The town was _____ populated, with only a few houses scattered around the area.

adv. occurring, existing, or situated at wide intervals; in a scattered or thinly populated manner; with a low density or concentration

106. He claims that his legitimate requests were _____ ignored.

adv. again and again; many times

ANSWERS: 99. neural, 100. lever, 101. recognition, 102. associate, 103. tolerant, 104. geography, 105. sparsely, 106. repeatedly

107. X-rays revealed a small tumor in his _____.

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

108. He created a beautiful piece of music using only _____.

- n.* the act of making something up on the spot or creating or performing something without preparation

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

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

110. My computer has been acting _____ recently.

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

111. He tried to _____ his experience to the group, but they couldn't understand.

- v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something

112. _____ the text from Italian into English.

- v.* to convert or change words into another language

113. We had a _____ time yesterday.

- adj.* very great in degree or extent or amount or impact; extremely good

114. He studied the _____ of radiation.

- n.* the science of matter and energy and their interactions

ANSWERS: 107. brain, 108. improvisation, 109. function, 110. weird, 111. relate, 112. Translate, 113. tremendous, 114. physics

115. I'm strongly _____ to that plan.

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

116. 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

117. The rain and thunder are _____ today.

adj. stupid or not sensible; very angry

118. I will introduce you to how to _____ the leading causes of the malfunction.

v. to recognize someone or something and say or prove who or what they are

119. I had a _____ about my bank statement and called customer service for an explanation.

n. a question or inquiry, often used in the context of research, information-gathering, or data analysis; a request for information

120. 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

121. This company has invested heavily in Internet _____.

n. the activity of buying and selling things, especially on a large scale

122. 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

ANSWERS: 115. opposed, 116. decide, 117. crazy, 118. identify, 119. query, 120. computation, 121. commerce, 122. communicate

123. Humankind took centuries to _____ true democracy.

v. to finish or achieve something successfully

124. Excessive human interference in the global environment may bring _____ consequences.

adj. not planned or meant

125. _____ bootcamps have become a popular way to learn coding skills quickly.

n. the process of writing or creating computer code, which is a set of instructions that tells a computer what to do to create software, websites, apps, and other digital products

126. The news of her promotion _____ her.

v. to make someone feel suddenly enthusiastic or eager

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

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

128. She could finish all her work on time because of her _____ skills.

n. the ability to do more than one task at the same time; the state of doing more than one task at the same time

129. _____ robots that can cooperate with humans have limited motor output for safety.

adj. having the capacity for thought and reason, especially to a high degree

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

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

ANSWERS: 123. accomplish, 124. unintended, 125. Coding, 126. excited, 127. predict, 128. multitasking, 129. Intelligent, 130. desire

131. Driving is difficult for me because of my poor _____.

- n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see

132. 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

133. The _____ of frost on the ground was so thick it was difficult to walk on.

- n.* a sheet, quantity, or thickness of the material, typically one of several, covering a surface or body; a level or part within a system or set of ideas

134. _____ elections were held in several European countries.

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

135. He has a short _____.

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

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

- adj.* causing a lot of interest or excitement

137. The structure is _____ of three main components.

- v.* to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it

138. The incident _____ a political controversy.

- v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function

ANSWERS: 131. vision, 132. process, 133. layer, 134. Communal, 135. fuse, 136. exciting, 137. composed, 138. triggered

139. She wore a _____ of pearls around her neck.

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

140. His _____ on the effects of climate change won several awards.

n. a written essay, especially one submitted for a university degree, that sets out the author's findings on a particular subject

141. The art museum has hired a _____ to select and display pieces from its collection.

n. a clergyman who is in charge of a parish; a person in charge of a museum, gallery, or church, responsible for the care and display of its collections and exhibitions; (verb) to carefully select, organize, and maintain items in a collection, exhibition, or presentation

142. His bitter experiences _____ his moral principles.

v. to be the support, basis, hidden cause of something; to be located under or below

143. The golfer recorded an _____ distance.

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

144. The media _____ had special passes.

n. someone who speaks or acts officially on behalf of another person or group of people

145. The government is determined to _____ sharp inflation.

v. to try to deal with a complex problem or situation

146. The _____ garden in my kitchen allows me to grow fresh herbs and vegetables year-round.

adj. relating to the cultivation of plants in nutrient-rich water instead of soil, often using specialized equipment or systems to optimize growth and production

ANSWERS: 139. string, 140. thesis, 141. curate, 142. underlie, 143. amazing, 144. representatives, 145. tackle, 146. hydroponic

147. The ____ for the video game added new features and improved gameplay.
- n.* a modification or alteration, typically one made to improve something or increase its functionality; a British teenager or young adult in the 1960s, noted for their clothes consciousness and opposition to the rockers
148. The election was a _____ success for the Whigs.
- adj.* worthy of attention because unusual or special
149. We can evaluate the performance of an _____ in terms of computation time.
- n.* a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation
150. The scientist conducted a study that provided _____ details about the species' behavior.
- adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
151. 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
152. She _____ fresh herbs into the soup for added flavor.
- v.* to fill something with a particular quality, feeling, or influence; to imbue
153. He decided to take a walk _____ area to explore the city.
- adv.* in or towards the central area of a town or city
154. _____ lurked in the grass to catch their prey.
- n.* a large wild cat that has yellow-brown fur with black spots and lives in Africa and southern Asia

ANSWERS: 147. mod, 148. remarkable, 149. algorithm, 150. specific, 151. tradition, 152. infused, 153. downtown, 154. Leopards

155. They intend to _____ the footsteps of successful software companies.

- v.* to imitate someone else's achievements to try to do something as well as somebody else

156. These heavy rains caused flash _____ on several islands.

- n.* a large amount of water flowing beyond its normal limits; an overwhelming number or amount

157. The security camera has _____ four intruders.

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

158. I tried to _____ the efficiency of the investment.

- v.* to make a mathematical calculation

159. His _____ showed highly positive results.

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

160. I advised him to _____ to his new surroundings.

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

161. Understanding unitary _____ of a normal matrix require considerable mathematical sophistication.

- n.* a complete change in form, nature, or appearance of someone or something

162. She's a _____ pet owner who ensures her dog gets enough exercise and a healthy diet.

- adj.* answerable or accountable for something within one's power, control, or management

ANSWERS: 155. emulate, 156. floods, 157. detected, 158. compute, 159. experiments, 160. adapt, 161. transformations, 162. responsible

163. We need to _____ the next steps for the project during our meeting tomorrow.
v. to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
164. There are _____ differences between the two wine-producing regions.
adj. easy to see, discover or understand
165. These economic activities had disastrous environmental _____.
n. the outcome of a particular action or event, especially relative to an individual
166. You must _____ with others to obtain this position.
v. to strive to achieve more success than someone or something
167. The mosquito is a common _____ for many diseases, including malaria and Zika.
n. a quantity that has both magnitude and direction, often used in mathematics, physics, and engineering to describe forces, velocities, or other physical phenomena; any agent (person or animal, or microorganism) that carries and transmits a disease
168. 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
169. One bad apple spoils the whole _____.
n. a grouping of several similar things which are growing or fastened together

ANSWERS: 163. discuss, 164. obvious, 165. consequences, 166. compete, 167. vector, 168. complexity, 169. bunch