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Fei-Fei Li: How we're teaching computers to understand pictures | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

- pet** *n.* an animal that you have at home as a companion and treated kindly
(1) a **pet** bird, (2) a teacher's **pet**
I have a parrot as a **pet**.
- technological** *adj.* based on scientific and industrial progress
synonym: specialized, technical
(1) **technological** advancement, (2) **technological** policy
Technological advances have disrupted many industries.
- 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.
- struggle** *v.* to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction
synonym: toil, strive, compete
(1) **struggle** against discrimination, (2) **struggle** to get the job

He could not **struggle** against temptation.

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**.

frontier

n. a border that separates two countries, or the area near this line

synonym: border, boundary, borderland

(1) **frontier** disputes, (2) the Italian **frontier** with Switzerland

He worked at the **frontier** of behavioral economics.

revolutionary

adj. relating to or characterized by a complete or dramatic change

synonym: radical, innovative, groundbreaking

(1) **revolutionary** change, (2) enforce **revolutionary** justice

The **revolutionary** leader inspired others to join the fight for freedom and democracy.

prototype

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

synonym: mock-up, precursor, model

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

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

crumple

v. to collapse or crumple into a disordered or wrinkled mass; to fall apart or lose strength suddenly; to become

emotionally distressed or overwhelmed

synonym : crinkle, crush, mash

(1) **crumple** paper, (2) **crumple** clothes

The car **crumpled** after colliding with the tree.

pixel

n. the smallest unit of an image that can be displayed or manipulated electronically, typically a point of light on a computer screen or in a digital image

synonym : dot, point, picture element

(1) **pixel** density, (2) color **pixels**

The computer screen comprises thousands of tiny **pixels** that create the overall picture.

sight

n. the ability to see; anything that is seen

synonym : vision, spectacle, view

(1) an unexpected **sight**, (2) dull **sight**

Many famous **sights** are within walking distance.

blind

adj. unable to see; unable or unwilling to perceive or understand the true nature of something

synonym : sightless, unseeing, random

(1) **blind** to the beauties, (2) **blind** spot

She was nearly **blind** due to severe diabetes.

drone

n. a low continuous humming noise; someone who takes more time than necessary; a pilot-less aerial vehicle that is operated by remote control

synonym : hum, whirr, idler

(1) **drone** flight, (2) the speaker's **drone**

He heard a **drone** of sirens roar from the neighboring town.

massive

adj. enormous amount; very heavy and solid

synonym : enormous, giant, immense

(1) **massive** amounts, (2) **massive** stars

The recent economic downturn has resulted in **massive** layoffs.

rainforest

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

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

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

security

n. the state of being free from danger, risk, or harm; measures taken to protect against threats or attacks; a financial asset, such as a stock or bond that derives value exclusively from the ownership interest or claim to a particular underlying asset or obligation

synonym: safety, protection, stock

(1) national **security**, (2) **security** analyst

The building's **security** system includes cameras, alarms, and security guards.

alert

v. to warn or arouse to a sense of danger; (adjective) paying close attention or being in a state of readiness for action

synonym: warn, inform, (adjective) vigilant

(1) **alert** consumers to the dangers, (2) **alert** system

The company's cybersecurity team **alerted** the CEO to potential threats.

drown

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

synonym: douse, drench, overwhelm

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

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

integral

adj. necessary to make a whole complete; essential, or fundamental; combining with something else to form a whole; (noun, of mathematics) a fundamental concept in calculus that represents the area under a curve between two points on a graph

synonym: essential, fundamental, indispensable

(1) **integral** function, (2) **integral** component

Effective communication is an **integral** part of any successful team.

pace

n. the speed at which someone or something moves, or the rate at which something happens or changes

synonym: gait, rate, speed

(1) at your own **pace**, (2) the runner's **pace**

The economy is growing at a supercharged **pace**.

contribute

v. to give something, especially money or goods, to provide or achieve something together with other people

synonym: donate, devote, commit

(1) **contribute** a large sum of money to the fund,

(2) **contribute** to society

Government workers cannot **contribute** to political campaigns.

software

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

synonym: program, system, operating system

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

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

enormous

adj. extremely large or great

synonym: huge, giant, gigantic

(1) **enormous** amount, (2) **enormous** potential

Shakespeare's output of poetry was **enormous**.

convert

v. to have a talk with someone; (adjective) reversed in order, relation, or action

synonym: alter, remake, transform

(1) **convert** fat into energy, (2) **convert** base 10 to base 16

I want to **convert** my sadness into strength.

dimension

n. a measurable extent of a particular kind, such as width, height, or length

synonym : extent, measurement, size

(1) new **dimension**, (2) the crosswise **dimension**

Overall **dimensions** are approximately 400x200mm.

array

n. a large group or collection of things or people, especially one that is impressive or attractive

synonym : collection, display, batch

(1) a two-dimensional **array**, (2) an **array** of troops

The customer on the Internet has to choose one from a formidable **array** of products.

lifeless

adj. without life; dead

synonym : inanimate, inert, motionless

(1) fall **lifeless**, (2) a **lifeless** corpse

The plant had a **lifeless** appearance, indicating that it was not getting enough water.

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.

visual

adj. relating to seeing or sight

synonym : optical, graphical, visible

(1) **visual** navigation, (2) field of **visual** arts

The building makes a remarkable **visual** impact.

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.

apparatus

n. the equipment, materials, or tools that are used to perform a specific task, often in a scientific, technical, or industrial setting

synonym : equipment, device, gear

(1) **apparatus** malfunction, (2) respiratory **apparatus**

The laboratory **apparatus** made it possible for the scientist to experiment.

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**.

ph

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

synonym : acidity, alkalinity, balance

(1) **pH** value of seven, (2) **ph** scale

The **ph** level of this soil is too acidic for these types of plants.

lab

n. a workplace for the conduct of scientific research; a laboratory

synonym : workshop, laboratory, research chamber

(1) **lab** instrument, (2) medical **lab**

The Prime Minister will pay a courtesy visit to the Nobel laureate's **lab**.

mentor

n. a person who helps and advises a younger or less experienced person over time, usually at work or school

synonym : adviser, coach, tutor

(1) **mentor** for life, (2) fashion **mentor**

As a **mentor**, he helped me realize my career.

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.

intelligence

n. the ability to learn, comprehend, or make judgments or conclusions based on reasons

synonym : brains, brightness, cleverness

(1) an **intelligence** test, (2) field of artificial **intelligence**

In terms of **intelligence**, he was head and shoulders above his classmates.

ultimate

adj. furthest or highest in degree or order

synonym : highest, maximum, foremost

(1) the **ultimate** goal in life, (2) the **ultimate** luxury

Management must take **ultimate** responsibility for the accident.

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.

infer

v. to form an opinion or conclude that something is true based on existing facts

synonym : guess, deduce, assume

(1) **infer** quality from price, (2) **infer** the possibility
Animal desire and preference are always **inferred** from their behavior.

geometry

n. the area of pure mathematics that deals with the points, lines, curves, and surfaces

(1) Euclidean **geometry**, (2) spherical **geometry**

The mathematician pioneered fractal **geometry**.

relation

n. the way two persons or groups of people feel and act toward one another

synonym: association, linkage, connection

(1) **relation** between cause and effect, (2) **relation** of inclusion

The industrial **relations** laws were passed with little to no alteration.

emotion

n. a strong feeling such as love, anger, etc. deriving from one's situation, mood, or relationships with others

synonym: feeling, sentiment, passion

(1) control my **emotion**, (2) afraid to show **emotion**

Some **emotions** are common across cultures and backgrounds.

intention

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

synonym: purpose, connotation, will

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

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

weave

v. to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them

synonym: braid, unite, contrive

(1) **weave** on a loom, (2) **weave** a story

The girl **weaves** a garland for her friend.

gaze

v. to stare at something or someone for an extended time, usually out of surprise or adoration, or because you are thinking about something else

synonym : stare, gawk, look

(1) **gaze** steadily at his face, (2) **gaze** absently out a window

The youngster was **gazed** at by the beast.

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.

mathematics

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

synonym : arithmetic, calculation, calculus

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

He has a flair for **mathematics**.

chubby

adj. having a plump or rounded body shape, often used to describe children or pets

synonym : fat, plump, corpulent

(1) **chubby** cheeks, (2) **chubby** arms

The **chubby** toddler waddled around the park, laughing and playing.

curl

v. to form or make something form into a curved or spiral shape; (noun) a round shape formed by a series of concentric circles

synonym : coil, curve, spiral

(1) **curl** around street corners, (2) a **curl** of smoke

The cat **curled** into a ball and went to sleep.

viewpoint

n. a way of thinking about a specific subject; a place from which something can be viewed, especially in an area of

natural beauty

synonym : outlook, stance, perspective

(1) a scientific **viewpoint**, (2) aesthetic **viewpoint**

We looked at this issue from a different **viewpoint**.

infinite

adj. unlimited or very great; impossible to measure

synonym : boundless, countless, limitless

(1) **infinite** appetite, (2) **infinite** in supply

The battle had an **infinite** impact on the nation.

variation

n. the act or state of changing; a difference or change in the way something is done, made or said

synonym : fluctuation, change, variation

(1) **variation** of temperature, (2) gene **variation**

There is a lot of **variation** in the colors of flowers in the garden.

profound

adj. extremely great; sensed or experienced very strongly; displaying a high level of knowledge or comprehension

synonym : deep, unsounded, far-reaching

(1) a **profound** book, (2) the **profound** depths of the sea

My mother's illness had a **profound** impact on us all.

observation

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

synonym : watching, notice, reflection

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

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

biology

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

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

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

movement

n. a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively

synonym: motion, progression, action

(1) a circular **movement**, (2) **movement** of troops

The **movement** of the dancers on stage was graceful and elegant.

insight

n. the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like

synonym: wisdom, discernment, understanding

(1) a profound **insight**, (2) share my **insights**

We gained various **insights** by analyzing the vast amount of data owned by the company.

quantity

n. the amount or number of something; magnitude

synonym: abundance, portion, amount

(1) half **quantity**, (2) residual **quantity**

In southward, the average annual water **quantity** increases.

launch

v. to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time

synonym: start, initiate, begin

(1) **launch** a spaceship into orbit, (2) **launch** a big attack

The company is set to **launch** its new product line next month.

mount

v. to increase, go up, or advance gradually or continuously; to prepare and supply with the necessary equipment for execution or performance; to ride on something or someone

synonym: climb, increase, get on

(1) **mount** a hill, (2) **mount** a counterattack

They **mounted** pictures on the paper in preparation for the

birthday card.

treasure

n. a valuable or desirable possession; something that is cherished or held dear; a collection of valuable objects or money that is hidden or protected

synonym: hoard, fortune, gem

(1) **treasure** hunt, (2) **treasure** island

The pirates searched for buried **treasure** in the dunes.

trove

n. a valuable collection of rare or interesting things, usually on the earth

synonym: hoard, collection, assemblage

(1) **trove** of information, (2) stumble on a **trove**

The treasure **trove** of ancient artifacts was a museum's dream come true.

download

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

synonym: load, save, transfer

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

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

crowdsourcing

n. the practice of obtaining needed services, ideas, or content by enlisting the services of a large number of people, either paid or unpaid, typically via the internet

(1) **crowdsourcing** apps, (2) **crowdsourcing** in climate policy

The company used this **crowdsourcing** platform to gather ideas for its next product.

mechanical

adj. operated by a machine, relating to or concerned with machinery or tools

synonym: machinelike, automated, automatic

(1) a **mechanical** style of writing, (2) the influence of **mechanical** action

A **mechanical** engineer is still in demand in many companies.

platform

n. the raised flat space close to the track at a train station where passengers get on or off the train; (technology) a computational or digital environment in which a piece of software is executed

synonym : stage, podium, forum

(1) an arrival **platform**, (2) a digital **platform** for enterprise
The speaker mounted the **platform** and started to speak.

label

n. a small piece of paper, fabric, or other material attached to an object and giving information about it; (verb) to assign to a category

synonym : tag, mark, identifier

(1) a mailing **label**, (2) **label** a bag with my name
The **label** on the food package lists the ingredients and nutritional information.

peak

n. the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain

synonym : summit, vertex, apex

(1) at **peak** hour, (2) the **peak** current in the circuit
This measurement aims to reduce traffic at **peak** periods.

employer

n. a person or organization that pays workers to work for them

synonym : boss, owner, company

(1) illegal **employer**, (2) **employer** responsibility
An **employer's** attitude toward its employees significantly impacts their productivity.

candidate

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

synonym : applicant, nominee, contender

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

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

capture

v. to catch a person or an animal and confine them in an area which they cannot escape

synonym : catch, arrest, imprison

(1) **capture** a glimpse, (2) **capture** customers' hearts

I was able to **capture** the moment on film.

fraction

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

synonym : piece, part, fragment

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

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

imagery

n. the use of words or pictures in books, photographs, paintings, etc., that produces pictures in the minds of people; the ability to form mental images of things or events

synonym : metaphors, symbolism, imaging

(1) visual **imagery**, (2) satellite **imagery**

This movie is famous for its romantic **imagery**.

hindsight

n. understanding or knowledge that comes after an event has occurred; the ability to perceive or understand events with greater clarity or accuracy in retrospect

synonym : retrospect, afterthought

(1) **hindsight** bias, (2) 20/20 **hindsight**

With **hindsight**, we can see that investing in that company was a mistake.

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.

colleague

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

synonym : coworker, associate, fellow

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

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

constantly

adv. all the time

synonym : continuously, always, frequently

(1) a **constantly** innovative enterprise, (2) a **constantly** varying mind

The mobile application industry is **constantly** changing.

graduate

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

synonym : alumna, alum, grad

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

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

database

n. a large amount of data stored in a computer system in such a way that it can be searched and updated easily

(1) **database** administrator, (2) employee **database**

Each country's officials can access the central **database**.

unprecedented

adj. never having been seen, done, or known before

synonym : novel, outstanding, unparalleled

(1) **unprecedented** boom, (2) **unprecedented** business opportunity

Unprecedented amounts of heckling and slogan-shouting took place throughout the event.

pose

v. to present a risk, problem, or other issues that must be addressed

synonym :

present, put, position

(1) **pose** a significant threat to my company, (2) **pose** a challenge

The chemicals **pose** a massive health risk.

domestic

adj. relating to or inside a particular country, not foreign or international

synonym: endemic, private, household

(1) **domestic** airline, (2) a **domestic** animal

GDP stands for gross **domestic** product.

thrill

n. a feeling of extreme and sudden excitement and pleasure; to cause someone to feel sudden intense sensation or emotion

synonym: exhilaration, delight, rush

(1) the **thrill** of speed, (2) incredible **thrill**

Skydiving is an overwhelming **thrill** for many people.

fashion

n. a style that is popular at a particular time or place; the state of being popular

synonym: style, manner, fad

(1) go out of **fashion**, (2) new **fashion** trends

That style is no longer in **fashion**.

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.

nourish

v. to provide a person, an animal, or plant with food to make them grow and stay healthy

synonym: feed, sustain, nurture

(1) **nourish** damaged skin, (2) **nourish** hope

The mother used her breast milk to **nourish** the baby.

wealth

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

synonym: affluence, assets, fortunate

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

The **wealth** inequality was unavoidable.

convolution

n. a complex or intricate twist, turn, or arrangement of something; a complex or winding thought process, argument, or situation

synonym: complexity, intricacy, twist

(1) complex **convolution**, (2) mathematical **convolution**

The novel's plot is full of twists and turns, creating a complex **convolution** of events.

neural

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

synonym: sensory, neuron, nervous

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

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

pioneer

n. inventor; explorer; someone who is among the first to achieve something

synonym: frontiersperson, innovator, trailblazer

(1) act as a **pioneer**, (2) early **pioneers**

John Whitney was a computer animation **pioneer**.

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.

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.

nod *v.* to lower and raise one's head, sometimes several times, as to show approval, agreement, greeting, or confirmation

synonym: respond, acknowledge, greet

(1) **nod** at each other, (2) **nod** courteously

She **noded** quietly in response to the question.

moreover *adv.* indicating that what follows is an additional or supplementary point; furthermore; in addition to what has been said before

synonym: furthermore, besides, in addition

(1) **moreover**, she decided to go, (2) but **moreover**, they work well together

The company is environmentally conscious, and **moreover**, it uses sustainable materials in its products.

hierarchy *n.* a system in which people or things are organized into different levels of importance from highest to lowest

synonym: ranking, order, scale

(1) top of the **hierarchy**, (2) **hierarchy** of folders

She has taken a step up in the organizational **hierarchy**.

typical *adj.* having the usual characteristics or traits of a specific group of things

synonym: characteristic, usual, distinctive

(1) **typical** leader, (2) fairly **typical** symptoms

This artwork is **typical** of her work.

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.

parameter

n. a numerical or other measurable factors that characterize a system or set of data

synonym: factor, variable, characteristic

(1) **parameter** estimation, (2) **parameter** tuning

The temperature range was one of the critical **parameters** we had to consider when designing the experiment.

modern

adj. of or belonging to the present time or recent times

synonym: contemporary, stylish, current

(1) **modern** poetry, (2) pre- **modern** agricultural society

Their headquarters are in a **modern** skyscraper.

humongous

adj. extremely large; gigantic; huge; excessively big

synonym: gigantic, enormous, colossal

(1) **humongous** appetite, (2) **humongous** amount

The new office building was **humongous** and could fit hundreds of employees comfortably.

blossom

n. the reproductive structure on a flowering plant that consists of usually colorful petals and a typically green calyx (merging of sepals); the state or time of flowering; the peak of a person's or thing's development or success

synonym: flower, bloom, bud

(1) apple **blossom**, (2) **blossom** garden

The cherry **blossom** trees in the park were in full bloom, creating a beautiful sight.

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.

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.

kite

n. a toy made of a light frame covered with cloth or plastic and joined to a long string that you fly in the air

(1) **kite** string, (2) a picture on a **kite**

Benjamin Franklin proved that lightning is electricity through experiments with **kites**.

background

n. the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem

synonym : ground, experience, backdrop

(1) a **background** color, (2) a criminal **background**

The company's hiring criteria emphasize personality, not a person's **background**.

skate

n. a type of footwear that has a blade attached to its sole for skating on ice or other hard surfaces; an activity or sport that involves gliding on skates on ice or other hard surfaces

synonym : blade, runner, sled

(1) **skate** park, (2) roller **skate**

She has been practicing an ice **skate** routine for months

railing

n. a horizontal barrier or fence supported by posts or columns, often used for safety or decorative purposes, particularly on balconies, staircases, or along the edge of a building or platform

synonym : banister, handrail, balustrade

(1) **railing** on the balcony, (2) wooden **railing**

The children held onto the **railing** tightly as they walked up the steep staircase.

lamppost

n. a tall standing pole that supports one or more electric lamps

synonym: streetlight, light post, pole light

(1) **lamppost** light, (2) hit a **lamppost**

The **lamppost** on the corner of the street has been out for a week, making it difficult to see at night.

confident

adj. feeling sure about your abilities or qualities or having trust in people, plans, or the future

synonym: certain, sure, convinced

(1) feel **confident**, (2) a **confident** remark

I'm not **confident** in our victory.

commit

v. to do something illegal or wrong

synonym: engage, carry out, execute

(1) **commit** suicide, (2) **commit** mistakes

The military has **committed** an abuse of human rights.

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.

confirm

v. to support or establish the truth or certainty of something previously believed or suspected to be the case

synonym: affirm, verify, assure

(1) **confirm** the diagnosis, (2) **confirm** a transaction

Please write to **confirm** your reservation.

wisdom

n. the quality of being wise, or the ability to use your knowledge and experience to make sensible decisions

synonym: sagacity, discernment, insight

(1) a fountain of **wisdom**, (2) **wisdom** literature

The community greatly respected and sought after the older adult's **wisdom**.

correlate

v. to have a connection or relationship in which one thing affects or depends on another

synonym: associate, liken, connect

(1) **correlate** closely with the quality, (2) **correlate** to the size

We may frequently **correlate** age with the frequency of disease.

surprisingly

adv. in a way that causes amazement or wonder

synonym: exceptionally, notably, unusually

(1) **surprisingly** advanced culture, (2) have **surprisingly** little effect

The exam was **surprisingly** tricky for everyone.

zip

n. a fastener made of interlocking teeth or ridges that is used to join two edges or pieces of fabric; a sound or motion that resembles the sound made by a zipper when it is pulled; (of a computer) a popular file compression and archiving format; (short for Zone Improvement Plan) a system of postal codes used in the United States to help facilitate mail delivery more efficiently

synonym: fastener, postcode, slide

(1) **zip** code, (2) **zip** file

She put her phone in the **zip** pocket of her backpack.

surpass

v. to be or do better than someone or something; to excel or go beyond the limits or standards of something

synonym: excel, outdo, outperform

(1) **surpass** imagination, (2) **surpass** \$20 billion in sales

The athlete's record-breaking performance **surpassed** all expectations.

utter

adj. complete, total, or absolute; said, done, or experienced without any exceptions or qualifications; spoken aloud or enunciated very clearly and distinctly; (verb) to speak or articulate words, sounds, or a voice

synonym:

absolute, complete, total

(1) **utter** nonsense, (2) **utter** a big sigh

The **utter** chaos of the concert crowd made it seem like a wild animal was in the room.

noun

n. a word that generally functions as the name of a specific object or set of objects

(1) **noun** phrase, (2) proper **noun**

In some foreign languages, the gender of **nouns** exists.

incredible

adj. unbelievable; enormous

synonym: unbelievable, fantastical, inconceivable

(1) **incredible** amount, (2) at **incredible** speed

Her response revealed **incredible** idiocy.

accomplishment

n. the successful completion of a task or goal; an ability that has been acquired by training

synonym: success, achievement, complete

(1) proud of his **accomplishments**, (2) the **accomplishment** of a social goal

Graduating from college was a major **accomplishment** for her.

milestone

n. an important event or stage in the development or progress of something; a stone by the side of a road to show distances

synonym: landmark, turning point, touchstone

(1) key **milestone**, (2) **milestone** event

Reaching the **milestone** of 1000 subscribers on her SNS channel was a major achievement for her.

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.

integrate

v. to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups

synonym: mix, merge, combine

(1) **integrate** into the existing system, (2) **integrate** both businesses

He found that it is difficult to **integrate** socially.

snippet

n. a small piece or brief extract of something

synonym: fragment, excerpt, brief

(1) **snippet** of wisdom, (2) code **snippet**

The journalist saved a **snippet** of the interview for later reference.

phrase

n. a group of words that mean something specific when used together

synonym: expression, idiom, term

(1) ready-made **phrases**, (2) noun **phrase**

We bought a Spanish **phrase** book.

runway

n. the catwalk or platform where models walk to display clothing or other fashion items during a fashion show; a strip of hard ground along which planes take off and land;

synonym: strip, landing field, tarmac

(1) **runway** lighting, (2) **runway** show

The model strutted down the **runway** during the fashion show.

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.

blanket

n. a large piece of soft material used to cover or wrap a person or thing to keep them warm; (adjective) broad in scope or content

synonym: cover, coverlet, bedspread

(1) **blanket** authority, (2) **blanket** scarf

The electric **blanket** keeps me warm on cold nights.

bat

n. a nocturnal animal with wings that flies and feeds at night, similar to a mouse; a piece of wood with a handle used for hitting the ball in sports including baseball, cricket, and table tennis

synonym: cane, rod, stick

(1) **bat** cave, (2) **bat** an eye

The cave was a habitat for **bats**.

toothbrush

n. a small brush with a handle used for cleaning the teeth

synonym: brush, scrubber, cleaner

(1) **toothbrush** stand, (2) power **toothbrush**

My **toothbrush** with end-rounded bristles is excellent for gently cleaning my teeth and gums.

confuse

v. to mistake one thing for another; to make somebody hard to understand

synonym: confound, obscure, disorient

(1) **confuse** the listener, (2) **confuse** fantasy with reality

Her remarks **confused** the debate.

zebra

n. a wild, horse-like mammal native to Africa with distinctive black-and-white stripes

synonym: striped horse, wild horse

(1) **zebra** pattern, (2) **zebra** crossing

The **zebra's** distinctive black and white stripes help it blend into its surroundings in the wild.

appreciate

v. to value and acknowledge the worth of someone or something; to be grateful for something or someone

synonym: acknowledge, admire, enjoy

(1) **appreciate** her feedback, (2) **appreciate** the value
We would **appreciate** an early reply.

stunning

adj. causing a strong emotional reaction of admiration, surprise, or shock due to its beauty, rarity, or excellence
synonym: beautiful, breathtaking, magnificent

(1) **stunning** beauty, (2) **stunning** disclosure
The **stunning** sunset took everyone's breath away.

quest

n. a long or challenging search for something
synonym: exploration, inquisition, pursuit

(1) the **quest** for truth, (2) on a **quest** for happiness
That adventurer traveled in **quest** of buried treasure.

nurse

n. a healthcare professional who is trained to provide care for the sick or injured; (verb) to try to cure by special care or treatment of an illness or injury
synonym: healthcare worker, caregiver, medic

(1) **nurse** practitioner, (2) a volunteer **nurse**
The night shift **nurse** checked my vital signs before administering the medication.

tireless

adj. characterized by a persistent and energetic effort; not easily fatigued or discouraged
synonym: indefatigable, persistent, unflagging

(1) **tireless** dedication, (2) **tireless** charity work
The politician was known for his **tireless** efforts to improve healthcare.

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.

patient

n. a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic

synonym : client, recipient, subject

(1) **patient** in the hospital, (2) **patient** with weight loss

The doctor carefully examined the **patient's** medical history.

brave

adj. showing courage or fearlessness in the face of danger, difficulty, or adversity

synonym : courageous, valiant, heroic

(1) **brave** soldier, (2) **brave** decision

The **brave** firefighter rescued the family from the burning building.

disaster

n. an unexpected event or series of events that cause widespread damage, destruction, or loss of life

synonym : catastrophe, calamity, tragedy

(1) global **disaster**, (2) **disaster** recovery

The **disaster** response team worked around the clock to aid those affected by the earthquake.

zone

n. a specific area, region, or section that is marked off or defined in some way

synonym : area, region, territory

(1) time **zone**, (2) **zone** defense

He was reluctant to leave his comfort **zone** and try something new.

trap

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

synonym : catch, snare, pinfall

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

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

discovery

n. the act or process of finding information, a place, or an object, or learning about something that was previously not known

synonym: finding, uncovering, detection

(1) a scientific **discovery**, (2) the great **discovery** of the century

Her research team made an important **discovery**.

unseen

adj. not seen or noticed; not perceived

synonym: invisible, hidden, undercover

(1) **unseen** danger, (2) an **unseen** force

The consequences of the pandemic remain **unseen** as scientists continue to research the virus.

ponder

v. to think deeply or carefully about something

synonym: think about, consider, reflect on

(1) **ponder** divine matters, (2) **ponder** life's meaning

She sat quietly, **pondering** the difficult decision.

Session 2: Spelling

- | | |
|---|---|
| 1. material we ___h | <i>n.</i> a large amount of money, property, or other things that someone or an organization owns |
| 2. co ___t suicide | <i>v.</i> to do something illegal or wrong |
| 3. a numerator in a fr ___on | <i>n.</i> a small part or item forming a piece of a whole; the quotient of two rational numbers |
| 4. ex ___ng news | <i>adj.</i> causing a lot of interest or excitement |
| 5. at your own p ___e | <i>n.</i> the speed at which someone or something moves, or the rate at which something happens or changes |
| 6. con ___te a large sum of money to the fund | <i>v.</i> to give something, especially money or goods, to provide or achieve something together with other people |
| 7. co ___t base 10 to base 16 | <i>v.</i> to have a talk with someone; (adjective) reversed in order, relation, or action |
| 8. power too ___sh | <i>n.</i> a small brush with a handle used for cleaning the teeth |
| 9. la __l a bag with my name | <i>n.</i> a small piece of paper, fabric, or other material attached to an object and giving information about it; (verb) to assign to a category |
| 10. re ___on of inclusion | <i>n.</i> the way two persons or groups of people feel and act toward one another |
| 11. ad ___e a cooperative relationship | <i>v.</i> to go or move forward; to develop in a positive way |

ANSWERS: 1. wealth, 2. commit, 3. fraction, 4. exciting, 5. pace, 6. contribute, 7. convert, 8. toothbrush, 9. label, 10. relation, 11. advance

12. fall li____ss *adj.* without life; dead
13. p__e a challenge *v.* to present a risk, problem, or other issues that must be addressed
14. su____s imagination *v.* to be or do better than someone or something; to excel or go beyond the limits or standards of something
15. rai____st destruction *n.* a forest rich in biodiversity that is generally found in tropical settings with heavy annual rainfall
16. tr____re hunt *n.* a valuable or desirable possession; something that is cherished or held dear; a collection of valuable objects or money that is hidden or protected
17. in____al function *adj.* necessary to make a whole complete; essential, or fundamental; combining with something else to form a whole; (noun, of mathematics) a fundamental concept in calculus that represents the area under a curve between two points on a graph
18. an arrival pl____rm *n.* the raised flat space close to the track at a train station where passengers get on or off the train; (technology) a computational or digital environment in which a piece of software is executed
19. the acc____ent of a social goal *n.* the successful completion of a task or goal; an ability that has been acquired by training
20. pa____t with weight loss *n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic

ANSWERS: 12. lifeless, 13. pose, 14. surpass, 15. rainforest, 16. treasure, 17. integral, 18. platform, 19. accomplishment, 20. patient

21. la___h a spaceship into orbit *v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time
22. ch___y cheeks *adj.* having a plump or rounded body shape, often used to describe children or pets
23. pre-mo___n agricultural society *adj.* of or belonging to the present time or recent times
24. a profound in_____t *n.* the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like
25. p___e a significant threat to my company *v.* to present a risk, problem, or other issues that must be addressed
26. con_____te to society *v.* to give something, especially money or goods, to provide or achieve something together with other people
27. sn_____t of wisdom *n.* a small piece or brief extract of something
28. da_____se administrator *n.* a large amount of data stored in a computer system in such a way that it can be searched and updated easily
29. hu_____us amount *adj.* extremely large; gigantic; huge; excessively big
30. but mo_____er, they work well together *adv.* indicating that what follows is an additional or supplementary point; furthermore; in addition to what has been said before

ANSWERS: 21. launch, 22. chubby, 23. modern, 24. insight, 25. pose, 26. contribute, 27. snippet, 28. database, 29. humongous, 30. moreover

31. joint rec_____on *n.* the action or process of recognizing or being recognized, especially by remembering; an agreement that something is true or legal
32. pa_____t in the hospital *n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
33. sur_____gly advanced culture *adv.* in a way that causes amazement or wonder
34. residual qu_____ty *n.* the amount or number of something; magnitude
35. ze__a crossing *n.* a wild, horse-like mammal native to Africa with distinctive black-and-white stripes
36. basic br__n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
37. pro_____on of disease *n.* the act or process of changing to the next stage or phase or moving forward
38. n_d at each other *v.* to lower and raise one's head, sometimes several times, as to show approval, agreement, greeting, or confirmation
39. rec_____on award *n.* the action or process of recognizing or being recognized, especially by remembering; an agreement that something is true or legal

ANSWERS: 31. recognition, 32. patient, 33. surprisingly, 34. quantity, 35. zebra, 36. brain, 37. progression, 38. nod, 39. recognition

40. a mec_____al style of writing *adj.* operated by a machine, relating to or concerned with machinery or tools
41. obs_____on instrument *n.* the act or activity of carefully examining or monitoring something or someone
42. bl_____t scarf *n.* a large piece of soft material used to cover or wrap a person or thing to keep them warm; (adjective) broad in scope or content
43. 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
44. mo__t a hill *v.* to increase, go up, or advance gradually or continuously; to prepare and supply with the necessary equipment for execution or performance; to ride on something or someone
45. permanent br__n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
46. a con_____ly innovative enterprise *adv.* all the time
47. code sn_____t *n.* a small piece or brief extract of something
48. b_t an eye *n.* a nocturnal animal with wings that flies and feeds at night, similar to a mouse; a piece of wood with a handle used for hitting the ball in sports including baseball, cricket, and table tennis
49. z_p file *n.* a fastener made of interlocking teeth or ridges that is used to join two edges or pieces of fabric; a sound or motion that resembles the sound made by a zipper when it is pulled; (of a computer) a popular file compression and archiving format; (short for Zone Improvement Plan) a system of postal codes used in the United States to help facilitate mail delivery more efficiently

ANSWERS: 40. mechanical, 41. observation, 42. blanket, 43. neuron, 44. mount, 45. brain, 46. constantly, 47. snippet, 48. bat, 49. zip

50. l_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
51. an int_____nce test *n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons
52. im_____e the test score *v.* to make or become better
53. aesthetic vi_____nt *n.* a way of thinking about a specific subject; a place from which something can be viewed, especially in an area of natural beauty
54. ti_____ss charity work *adj.* characterized by a persistent and energetic effort; not easily fatigued or discouraged
55. the great di_____ry of the century *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
56. a li_____ss corpse *adj.* without life; dead
57. tec_____cal advancement *adj.* based on scientific and industrial progress
58. mi_____ne event *n.* an important event or stage in the development or progress of something; a stone by the side of a road to show distances
59. id_____fy handwriting *v.* to recognize someone or something and say or prove who or what they are
60. st_____le against discrimination *v.* to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction

ANSWERS: 50. lab, 51. intelligence, 52. improve, 53. viewpoint, 54. tireless, 55. discovery, 56. lifeless, 57. technological, 58. milestone, 59. identify, 60. struggle

61. a fr____onal share of the vote *n.* a small part or item forming a piece of a whole; the quotient of two rational numbers
62. t__p an animal *n.* a piece of equipment or hole for catching animals or people; (verb) to catch animals or people and prevent them from escaping
63. ne____l stem cells *adj.* of or relating to a nerve or the nervous system that includes the brain
64. gene va_____on *n.* the act or state of changing; a difference or change in the way something is done, made or said
65. set a t__p *n.* a piece of equipment or hole for catching animals or people; (verb) to catch animals or people and prevent them from escaping
66. ze__a pattern *n.* a wild, horse-like mammal native to Africa with distinctive black-and-white stripes
67. feel co_____nt *adj.* feeling sure about your abilities or qualities or having trust in people, plans, or the future
68. hu_____us appetite *adj.* extremely large; gigantic; huge; excessively big
69. hit a la_____st *n.* a tall standing pole that supports one or more electric lamps
70. po____r life's meaning *v.* to think deeply or carefully about something
71. a do_____ic animal *adj.* relating to or inside a particular country, not foreign or international

ANSWERS: 61. fraction, 62. trap, 63. neural, 64. variation, 65. trap, 66. zebra, 67. confident, 68. humongous, 69. lamppost, 70. ponder, 71. domestic

72. 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
73. en___us potential
adj. extremely large or great
74. in___al component
adj. necessary to make a whole complete; essential, or fundamental; combining with something else to form a whole; (noun, of mathematics) a fundamental concept in calculus that represents the area under a curve between two points on a graph
75. new di_____on
n. a measurable extent of a particular kind, such as width, height, or length
76. co___t mainly of cells
v. to be composed or made up of
77. noun ph___e
n. a group of words that mean something specific when used together
78. a c__l of smoke
v. to form or make something form into a curved or spiral shape; (noun) a round shape formed by a series of concentric circles
79. unp_____ted business opportunity
adj. never having been seen, done, or known before
80. the crosswise di_____on
n. a measurable extent of a particular kind, such as width, height, or length
81. tropical rai_____st
n. a forest rich in biodiversity that is generally found in tropical settings with heavy annual rainfall

ANSWERS: 72. neuron, 73. enormous, 74. integral, 75. dimension, 76. consist, 77. phrase, 78. curl, 79. unprecedented, 80. dimension, 81. rainforest

82. medical l_b *n.* a workplace for the conduct of scientific research; a laboratory
83. a mailing la__l *n.* a small piece of paper, fabric, or other material attached to an object and giving information about it; (verb) to assign to a category
84. apple bl____m *n.* the reproductive structure on a flowering plant that consists of usually colorful petals and a typically green calyx (merging of sepals); the state or time of flowering; the peak of a person's or thing's development or success
85. cr____e paper *v.* to collapse or crumple into a disordered or wrinkled mass; to fall apart or lose strength suddenly; to become emotionally distressed or overwhelmed
86. evolutionary bi____y *n.* the scientific study of life and the natural processes of living things
87. hi____ht bias *n.* understanding or knowledge that comes after an event has occurred; the ability to perceive or understand events with greater clarity or accuracy in retrospect
88. co____t mistakes *v.* to do something illegal or wrong
89. in____te into the existing system *v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups
90. me____r for life *n.* a person who helps and advises a younger or less experienced person over time, usually at work or school

ANSWERS: 82. lab, 83. label, 84. blossom, 85. crumple, 86. biology, 87. hindsight, 88. commit, 89. integrate, 90. mentor

91. cro_____ing apps *n.* the practice of obtaining needed services, ideas, or content by enlisting the services of a large number of people, either paid or unpaid, typically via the internet
92. new fa_____n trends *n.* a style that is popular at a particular time or place; the state of being popular
93. ne____l networks in AI *adj.* of or relating to a nerve or the nervous system that includes the brain
94. co_____m a transaction *v.* to support or establish the truth or certainty of something previously believed or suspected to be the case
95. di_____se with CT scans *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
96. do_____ad files from the Internet *v.* to transfer data or files from the Internet or computer network to a user's computer or device; (noun) the process of transferring data or information from a remote or central computer to a local computer or device
97. roller sk____e *n.* a type of footwear that has a blade attached to its sole for skating on ice or other hard surfaces; an activity or sport that involves gliding on skates on ice or other hard surfaces
98. g__e absently out a window *v.* to stare at something or someone for an extended time, usually out of surprise or adoration, or because you are thinking about something else

ANSWERS: 91. crowdsourcing, 92. fashion, 93. neural, 94. confirm, 95. diagnose, 96. download, 97. skate, 98. gaze

99. va_____on of temperature *n.* the act or state of changing; a difference or change in the way something is done, made or said
100. dull si__t *n.* the ability to see; anything that is seen
101. al__t consumers to the dangers *v.* to warn or arouse to a sense of danger; (adjective) paying close attention or being in a state of readiness for action
102. com_____te well with my advisor *v.* to share or exchange information with others by speaking, writing, moving your body, or using other signals
103. share my in_____ts *n.* the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like
104. in_____on behind his decision *n.* something you want to do and are going to do
105. a pr_____nd book *adj.* extremely great; sensed or experienced very strongly; displaying a high level of knowledge or comprehension
106. top of the hi_____hy *n.* a system in which people or things are organized into different levels of importance from highest to lowest
107. go out of fa_____n *n.* a style that is popular at a particular time or place; the state of being popular
108. stumble on a tr__e *n.* a valuable collection of rare or interesting things, usually on the earth
109. 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

ANSWERS: 99. variation, 100. sight, 101. alert, 102. communicate, 103. insight, 104. intention, 105. profound, 106. hierarchy, 107. fashion, 108. trove, 109. vision

110. employee da_____se *n.* a large amount of data stored in a computer system in such a way that it can be searched and updated easily
111. at p__k hour *n.* the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain
112. app_____te the value *v.* to value and acknowledge the worth of someone or something; to be grateful for something or someone
113. at inc_____le speed *adj.* unbelievable; enormous
114. the pr_____nd depths of the sea *adj.* extremely great; sensed or experienced very strongly; displaying a high level of knowledge or comprehension
115. inc_____le amount *adj.* unbelievable; enormous
116. c__l around street corners *v.* to form or make something form into a curved or spiral shape; (noun) a round shape formed by a series of concentric circles
117. we__e a story *v.* to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them
118. en_____us amount *adj.* extremely large or great
119. b_t cave *n.* a nocturnal animal with wings that flies and feeds at night, similar to a mouse; a piece of wood with a handle used for hitting the ball in sports including baseball, cricket, and table tennis

ANSWERS: 110. database, 111. peak, 112. appreciate, 113. incredible, 114. profound, 115. incredible, 116. curl, 117. weave, 118. enormous, 119. bat

120. no____h hope *v.* to provide a person, an animal, or plant with food to make them grow and stay healthy
121. mo___n poetry *adj.* of or belonging to the present time or recent times
122. the runner's p__e *n.* the speed at which someone or something moves, or the rate at which something happens or changes
123. the rem_____le breadth of knowledge *adj.* worthy of attention because unusual or special
124. the ul_____te luxury *adj.* furthest or highest in degree or order
125. mo_____er, she decided to go *adv.* indicating that what follows is an additional or supplementary point; furthermore; in addition to what has been said before
126. ph scale *n.* a measure of the acidity or alkalinity of a substance, on a scale of 0 to 14, with seven being neutral, lower values indicating greater acidity, and higher values indicating greater alkalinity
127. the p__k current in the circuit *n.* the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain
128. ch___y arms *adj.* having a plump or rounded body shape, often used to describe children or pets
129. field of vi___l arts *adj.* relating to seeing or sight
130. a co_____nt remark *adj.* feeling sure about your abilities or qualities or having trust in people, plans, or the future

ANSWERS: 120. nourish, 121. modern, 122. pace, 123. remarkable, 124. ultimate, 125. moreover, 126. ph, 127. peak, 128. chubby, 129. visual, 130. confident

131. ap_____us malfunction *n.* the equipment, materials, or tools that are used to perform a specific task, often in a scientific, technical, or industrial setting
132. a con_____ly varying mind *adv.* all the time
133. pi__l density *n.* the smallest unit of an image that can be displayed or manipulated electronically, typically a point of light on a computer screen or in a digital image
134. mo__t a counterattack *v.* to increase, go up, or advance gradually or continuously; to prepare and supply with the necessary equipment for execution or performance; to ride on something or someone
135. tr_____re island *n.* a valuable or desirable possession; something that is cherished or held dear; a collection of valuable objects or money that is hidden or protected
136. fr_____er disputes *n.* a border that separates two countries, or the area near this line
137. key mi_____ne *n.* an important event or stage in the development or progress of something; a stone by the side of a road to show distances
138. ru___y show *n.* the catwalk or platform where models walk to display clothing or other fashion items during a fashion show; a strip of hard ground along which planes take off and land;

ANSWERS: 131. apparatus, 132. constantly, 133. pixel, 134. mount, 135. treasure, 136. frontier, 137. milestone, 138. runway

139. pH value of seven *n.* a measure of the acidity or alkalinity of a substance, on a scale of 0 to 14, with seven being neutral, lower values indicating greater acidity, and higher values indicating greater alkalinity
140. honor gr_____te *n.* a person who has a first degree from university or college; (verb) to complete the first course of university or college and get a degree
141. pa_____er estimation *n.* a numerical or other measurable factors that characterize a system or set of data
142. ex_____ng football player *adj.* causing a lot of interest or excitement
143. em_____er responsibility *n.* a person or organization that pays workers to work for them
144. tec_____cal policy *adj.* based on scientific and industrial progress
145. the influence of mec_____al action *adj.* operated by a machine, relating to or concerned with machinery or tools
146. st_____ng beauty *adj.* causing a strong emotional reaction of admiration, surprise, or shock due to its beauty, rarity, or excellence
147. z_p code *n.* a fastener made of interlocking teeth or ridges that is used to join two edges or pieces of fabric; a sound or motion that resembles the sound made by a zipper when it is pulled; (of a computer) a popular file compression and archiving format; (short for Zone Improvement Plan) a system of postal codes used in the United States to help facilitate mail delivery more efficiently

ANSWERS: 139. ph, 140. graduate, 141. parameter, 142. exciting, 143. employer, 144. technological, 145. mechanical, 146. stunning, 147. zip

148. a two-dimensional ar__y *n.* a large group or collection of things or people, especially one that is impressive or attractive
149. unpre__ted boom *adj.* never having been seen, done, or known before
150. g__e steadily at his face *v.* to stare at something or someone for an extended time, usually out of surprise or adoration, or because you are thinking about something else
151. sk__e park *n.* a type of footwear that has a blade attached to its sole for skating on ice or other hard surfaces; an activity or sport that involves gliding on skates on ice or other hard surfaces
152. bl__d to the beauties *adj.* unable to see; unable or unwilling to perceive or understand the true nature of something
153. proud of his acc__ents *n.* the successful completion of a task or goal; an ability that has been acquired by training
154. wi__m literature *n.* the quality of being wise, or the ability to use your knowledge and experience to make sensible decisions
155. global di__er *n.* an unexpected event or series of events that cause widespread damage, destruction, or loss of life
156. on a qu__t for happiness *n.* a long or challenging search for something
157. la__h a big attack *v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time

ANSWERS: 148. array, 149. unprecedented, 150. gaze, 151. skate, 152. blind, 153. accomplishment, 154. wisdom, 155. disaster, 156. quest, 157. launch

158. hi_____hy of folders *n.* a system in which people or things are organized into different levels of importance from highest to lowest
159. st_____ng disclosure *adj.* causing a strong emotional reaction of admiration, surprise, or shock due to its beauty, rarity, or excellence
160. a good grounding in mat_____cs *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
161. PhD ca_____te *n.* a person who is seeking or being considered for some kind of position, title, honor, or award; a job applicant
162. the th____l of speed *n.* a feeling of extreme and sudden excitement and pleasure; to cause someone to feel sudden intense sensation or emotion
163. n_d courteously *v.* to lower and raise one's head, sometimes several times, as to show approval, agreement, greeting, or confirmation
164. cro_____ing in climate policy *n.* the practice of obtaining needed services, ideas, or content by enlisting the services of a large number of people, either paid or unpaid, typically via the internet
165. la_____st light *n.* a tall standing pole that supports one or more electric lamps
166. a volunteer nu___e *n.* a healthcare professional who is trained to provide care for the sick or injured; (verb) to try to cure by special care or treatment of an illness or injury

ANSWERS: 158. hierarchy, 159. stunning, 160. mathematics, 161. candidate, 162. thrill, 163. nod, 164. crowdsourcing, 165. lamppost, 166. nurse

167. the Italian fr_____er with Switzerland *n.* a border that separates two countries, or the area near this line
168. co_____e fantasy with reality *v.* to mistake one thing for another; to make somebody hard to understand
169. ut__r a big sigh *adj.* complete, total, or absolute; said, done, or experienced without any exceptions or qualifications; spoken aloud or enunciated very clearly and distinctly; (verb) to speak or articulate words, sounds, or a voice
170. ru___y lighting *n.* the catwalk or platform where models walk to display clothing or other fashion items during a fashion show; a strip of hard ground along which planes take off and land;
171. co_____al swimming pool *adj.* belonging to or used by a group rather than individuals; for common use
172. the qu__t for truth *n.* a long or challenging search for something
173. visual im_____y *n.* the use of words or pictures in books, photographs, paintings, etc., that produces pictures in the minds of people; the ability to form mental images of things or events
174. in_____te appetite *adj.* unlimited or very great; impossible to measure
175. an unexpected si__t *n.* the ability to see; anything that is seen
176. co_____te to the size *v.* to have a connection or relationship in which one thing affects or depends on another

ANSWERS: 167. frontier, 168. confuse, 169. utter, 170. runway, 171. communal, 172. quest, 173. imagery, 174. infinite, 175. sight, 176. correlate

177. arc_____ure design *n.* the art and science of designing and constructing buildings
178. a digital pl_____rm for enterprise *n.* the raised flat space close to the track at a train station where passengers get on or off the train; (technology) a computational or digital environment in which a piece of software is executed
179. in__r the possibility *v.* to form an opinion or conclude that something is true based on existing facts
180. early pr_____pe *n.* a first or preliminary example of something such as a device or vehicle from which other forms are developed
181. dr__e flight *n.* a low continuous humming noise; someone who takes more time than necessary; a pilot-less aerial vehicle that is operated by remote control
182. nu__e practitioner *n.* a healthcare professional who is trained to provide care for the sick or injured; (verb) to try to cure by special care or treatment of an illness or injury
183. ti_____ss dedication *adj.* characterized by a persistent and energetic effort; not easily fatigued or discouraged
184. ut__r nonsense *adj.* complete, total, or absolute; said, done, or experienced without any exceptions or qualifications; spoken aloud or enunciated very clearly and distinctly; (verb) to speak or articulate words, sounds, or a voice

ANSWERS: 177. architecture, 178. platform, 179. infer, 180. prototype, 181. drone, 182. nurse, 183. tireless, 184. utter

185. act as a pi____r
n. inventor; explorer; someone who is among the first to achieve something
186. fairly ty____l symptoms
adj. having the usual characteristics or traits of a specific group of things
187. no____h damaged skin
v. to provide a person, an animal, or plant with food to make them grow and stay healthy
188. co____al combination of funds
adj. belonging to or used by a group rather than individuals; for common use
189. the ul____te goal in life
adj. furthest or highest in degree or order
190. classic arc____ure
n. the art and science of designing and constructing buildings
191. enforce rev____ary justice
adj. relating to or characterized by a complete or dramatic change
192. the RSA al____hm
n. a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation
193. the speaker's dr__e
n. a low continuous humming noise; someone who takes more time than necessary; a pilot-less aerial vehicle that is operated by remote control
194. col____te with the police
v. to work with someone else to produce or achieve something
195. n__n phrase
n. a word that generally functions as the name of a specific object or set of objects
196. ma____e amounts
adj. enormous amount; very heavy and solid
197. satellite im____y
n. the use of words or pictures in books, photographs, paintings, etc., that produces pictures in the minds of people; the ability to form mental images of things or events

ANSWERS: 185. pioneer, 186. typical, 187. nourish, 188. communal, 189. ultimate, 190. architecture, 191. revolutionary, 192. algorithm, 193. drone, 194. collaborate, 195. noun, 196. massive, 197. imagery

198. his conclusion was ob____s *adj.* easy to see, discover or understand
199. mo____nt of troops *n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
200. time z__e *n.* a specific area, region, or section that is marked off or defined in some way
201. 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
202. respiratory ap____us *n.* the equipment, materials, or tools that are used to perform a specific task, often in a scientific, technical, or industrial setting
203. a fountain of wi____m *n.* the quality of being wise, or the ability to use your knowledge and experience to make sensible decisions
204. a bac_____nd color *n.* the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem
205. incredible th____l *n.* a feeling of extreme and sudden excitement and pleasure; to cause someone to feel sudden intense sensation or emotion
206. control my em____n *n.* a strong feeling such as love, anger, etc. deriving from one's situation, mood, or relationships with others

ANSWERS: 198. obvious, 199. movement, 200. zone, 201. communicate, 202. apparatus, 203. wisdom, 204. background, 205. thrill, 206. emotion

207. col_____te on a press release *v.* to work with someone else to produce or achieve something
208. ty_____l leader *adj.* having the usual characteristics or traits of a specific group of things
209. collaborate with co_____ues *n.* one of a group of a coworker, especially in a profession or a business
210. former co_____ue *n.* one of a group of a coworker, especially in a profession or a business
211. too_____sh stand *n.* a small brush with a handle used for cleaning the teeth
212. ma_____e stars *adj.* enormous amount; very heavy and solid
213. spherical ge_____ry *n.* the area of pure mathematics that deals with the points, lines, curves, and surfaces
214. po____r divine matters *v.* to think deeply or carefully about something
215. clear in_____on *n.* something you want to do and are going to do
216. illegal em_____er *n.* a person or organization that pays workers to work for them
217. color pi__ls *n.* the smallest unit of an image that can be displayed or manipulated electronically, typically a point of light on a computer screen or in a digital image
218. su_____s \$20 billion in sales *v.* to be or do better than someone or something; to excel or go beyond the limits or standards of something
219. 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: 207. collaborate, 208. typical, 209. colleague, 210. colleague, 211. toothbrush, 212. massive, 213. geometry, 214. ponder, 215. intention, 216. employer, 217. pixel, 218. surpass, 219. algorithm

220. national se_____ty
- n.* the state of being free from danger, risk, or harm; measures taken to protect against threats or attacks; a financial asset, such as a stock or bond that derives value exclusively from the ownership interest or claim to a particular underlying asset or obligation
221. al__t system
- v.* to warn or arouse to a sense of danger; (adjective) paying close attention or being in a state of readiness for action
222. telescopic vi____n
- n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
223. ob_____s reasons
- adj.* easy to see, discover or understand
224. a criminal bac_____nd
- n.* the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem
225. wooden ra_____g
- n.* a horizontal barrier or fence supported by posts or columns, often used for safety or decorative purposes, particularly on balconies, staircases, or along the edge of a building or platform
226. a teacher's p_t
- n.* an animal that you have at home as a companion and treated kindly
227. fashion me____r
- n.* a person who helps and advises a younger or less experienced person over time, usually at work or school

ANSWERS: 220. security, 221. alert, 222. vision, 223. obvious, 224. background, 225. railing, 226. pet, 227. mentor

228. a circular mo_____nt *n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
229. mat_____cs competition *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
230. complete a pr_____pe product *n.* a first or preliminary example of something such as a device or vehicle from which other forms are developed
231. cell and molecular bi_____y *n.* the scientific study of life and the natural processes of living things
232. copyrighted so_____re *n.* a set of computer programs and associated documentation and data for doing particular computational jobs
233. st_____le to get the job *v.* to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction
234. mathematical con_____on *n.* a complex or intricate twist, turn, or arrangement of something; a complex or winding thought process, argument, or situation
235. an ar__y of troops *n.* a large group or collection of things or people, especially one that is impressive or attractive
236. in_____te in supply *adj.* unlimited or very great; impossible to measure

ANSWERS: 228. movement, 229. mathematics, 230. prototype, 231. biology, 232. software, 233. struggle, 234. convolution, 235. array, 236. infinite

237. so_____re architect *n.* a set of computer programs and associated documentation and data for doing particular computational jobs
238. co_____m the diagnosis *v.* to support or establish the truth or certainty of something previously believed or suspected to be the case
239. bl_____m garden *n.* the reproductive structure on a flowering plant that consists of usually colorful petals and a typically green calyx (merging of sepals); the state or time of flowering; the peak of a person's or thing's development or success
240. a scientific di_____ry *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
241. an un_____n force *adj.* not seen or noticed; not perceived
242. k__e string *n.* a toy made of a light frame covered with cloth or plastic and joined to a long string that you fly in the air
243. vi____l navigation *adj.* relating to seeing or sight
244. co_____t only in knowing facts *v.* to be composed or made up of
245. ca_____e customers' hearts *v.* to catch a person or an animal and confine them in an area which they cannot escape
246. 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

ANSWERS: 237. software, 238. confirm, 239. blossom, 240. discovery, 241. unseen, 242. kite, 243. visual, 244. consist, 245. capture, 246. develop

247. ra_____g on the balcony *n.* a horizontal barrier or fence supported by posts or columns, often used for safety or decorative purposes, particularly on balconies, staircases, or along the edge of a building or platform
248. id_____fy gene sequences *v.* to recognize someone or something and say or prove who or what they are
249. majority of his we____h *n.* a large amount of money, property, or other things that someone or an organization owns
250. do_____ic airline *adj.* relating to or inside a particular country, not foreign or international
251. 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
252. br__e decision *adj.* showing courage or fearlessness in the face of danger, difficulty, or adversity
253. a picture on a k__e *n.* a toy made of a light frame covered with cloth or plastic and joined to a long string that you fly in the air
254. z__e defense *n.* a specific area, region, or section that is marked off or defined in some way
255. ca_____te selection *n.* a person who is seeking or being considered for some kind of position, title, honor, or award; a job applicant

ANSWERS: 247. railing, 248. identify, 249. wealth, 250. domestic, 251. process, 252. brave, 253. kite, 254. zone, 255. candidate

256. we__e on a loom *v.* to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them
257. di____se the problem *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
258. co____t fat into energy *v.* to have a talk with someone; (adjective) reversed in order, relation, or action
259. afraid to show em____n *n.* a strong feeling such as love, anger, etc. deriving from one's situation, mood, or relationships with others
260. Euclidean ge____ry *n.* the area of pure mathematics that deals with the points, lines, curves, and surfaces
261. in__r quality from price *v.* to form an opinion or conclude that something is true based on existing facts
262. rev____ary change *adj.* relating to or characterized by a complete or dramatic change
263. app____te her feedback *v.* to value and acknowledge the worth of someone or something; to be grateful for something or someone
264. re____on between cause and effect *n.* the way two persons or groups of people feel and act toward one another
265. decision-making pr____s *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

ANSWERS: 256. weave, 257. diagnose, 258. convert, 259. emotion, 260. geometry, 261. infer, 262. revolutionary, 263. appreciate, 264. relation, 265. process

266. br__e soldier *adj.* showing courage or fearlessness in the face of danger, difficulty, or adversity
267. have sur_____gly little effect *adv.* in a way that causes amazement or wonder
268. di_____er recovery *n.* an unexpected event or series of events that cause widespread damage, destruction, or loss of life
269. co_____e the listener *v.* to mistake one thing for another; to make somebody hard to understand
270. co_____te closely with the quality *v.* to have a connection or relationship in which one thing affects or depends on another
271. ca_____e a glimpse *v.* to catch a person or an animal and confine them in an area which they cannot escape
272. im_____e a process *v.* to make or become better
273. class obs_____on day *n.* the act or activity of carefully examining or monitoring something or someone
274. complex con_____on *n.* a complex or intricate twist, turn, or arrangement of something; a complex or winding thought process, argument, or situation
275. field of artificial int_____nce *n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons
276. a scientific vi_____nt *n.* a way of thinking about a specific subject; a place from which something can be viewed, especially in an area of natural beauty

ANSWERS: 266. brave, 267. surprisingly, 268. disaster, 269. confuse, 270. correlate, 271. capture, 272. improve, 273. observation, 274. convolusion, 275. intelligence, 276. viewpoint

277. un___n danger	<i>adj.</i> not seen or noticed; not perceived
278. bl_____t authority	<i>n.</i> a large piece of soft material used to cover or wrap a person or thing to keep them warm; (adjective) broad in scope or content
279. dr__n in a bath	<i>v.</i> to die or cause to die by being unable to breathe underwater
280. de_____p a strategy	<i>v.</i> 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
281. proper n__n	<i>n.</i> a word that generally functions as the name of a specific object or set of objects
282. 20/20 hi_____ht	<i>n.</i> understanding or knowledge that comes after an event has occurred; the ability to perceive or understand events with greater clarity or accuracy in retrospect
283. gr_____te degree program	<i>n.</i> a person who has a first degree from university or college; (verb) to complete the first course of university or college and get a degree
284. se_____ty analyst	<i>n.</i> the state of being free from danger, risk, or harm; measures taken to protect against threats or attacks; a financial asset, such as a stock or bond that derives value exclusively from the ownership interest or claim to a particular underlying asset or obligation

ANSWERS: 277. unseen, 278. blanket, 279. drown, 280. develop, 281. noun, 282. hindsight, 283. graduate, 284. security

285. half qu____ty *n.* the amount or number of something; magnitude
286. cr____e clothes *v.* to collapse or crumple into a disordered or wrinkled mass; to fall apart or lose strength suddenly; to become emotionally distressed or overwhelmed
287. ready-made ph____es *n.* a group of words that mean something specific when used together
288. a p_t bird *n.* an animal that you have at home as a companion and treated kindly
289. rem____le achievement *adj.* worthy of attention because unusual or special
290. in____te both businesses *v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups
291. do____ad the assignment from the website *v.* to transfer data or files from the Internet or computer network to a user's computer or device; (noun) the process of transferring data or information from a remote or central computer to a local computer or device
292. bl__d spot *adj.* unable to see; unable or unwilling to perceive or understand the true nature of something
293. pro____on of civilization *n.* the act or process of changing to the next stage or phase or moving forward
294. tr__e of information *n.* a valuable collection of rare or interesting things, usually on the earth

ANSWERS: 285. quantity, 286. crumple, 287. phrase, 288. pet, 289. remarkable, 290. integrate, 291. download, 292. blind, 293. progression, 294. trove

295. I was dr__ned in work *v.* to die or cause to die by being unable to breathe underwater
296. early pi____rs *n.* inventor; explorer; someone who is among the first to achieve something
297. pa_____er tuning *n.* a numerical or other measurable factors that characterize a system or set of data
298. ad_____e the technology *v.* to go or move forward; to develop in a positive way

ANSWERS: 295. drown, 296. pioneer, 297. parameter, 298. advance

Session 3: Fill in the Blanks

1. _____ amounts of heckling and slogan-shouting took place throughout the event.
adj. never having been seen, done, or known before
2. Overall _____ are approximately 400x200mm.
n. a measurable extent of a particular kind, such as width, height, or length
3. The building's _____ system includes cameras, alarms, and security guards.
n. the state of being free from danger, risk, or harm; measures taken to protect against threats or attacks; a financial asset, such as a stock or bond that derives value exclusively from the ownership interest or claim to a particular underlying asset or obligation
4. He was reluctant to leave his comfort _____ and try something new.
n. a specific area, region, or section that is marked off or defined in some way
5. The battle had an _____ impact on the nation.
adj. unlimited or very great; impossible to measure
6. Each country's officials can access the central _____.
n. a large amount of data stored in a computer system in such a way that it can be searched and updated easily
7. We want to _____ ties between our two countries.
v. to make or become better
8. GDP stands for gross _____ product.
adj. relating to or inside a particular country, not foreign or international

ANSWERS: 1. Unprecedented, 2. dimensions, 3. security, 4. zone, 5. infinite, 6. database, 7. improve, 8. domestic

9. The _____ on the food package lists the ingredients and nutritional information.
n. a small piece of paper, fabric, or other material attached to an object and giving information about it; (verb) to assign to a category
10. With _____ we can see that investing in that company was a mistake.
n. understanding or knowledge that comes after an event has occurred; the ability to perceive or understand events with greater clarity or accuracy in retrospect
11. Their headquarters are in a _____ skyscraper.
adj. of or belonging to the present time or recent times
12. Shakespeare's output of poetry was _____.
adj. extremely large or great
13. My _____ with end-rounded bristles is excellent for gently cleaning my teeth and gums.
n. a small brush with a handle used for cleaning the teeth
14. The mother used her breast milk to _____ the baby.
v. to provide a person, an animal, or plant with food to make them grow and stay healthy
15. The model strutted down the _____ during the fashion show.
n. the catwalk or platform where models walk to display clothing or other fashion items during a fashion show; a strip of hard ground along which planes take off and land;
16. The destruction of the _____ is a ticking time bomb for the Earth.
n. a forest rich in biodiversity that is generally found in tropical settings with heavy annual rainfall

ANSWERS: 9. label, 10. hindsight, 11. modern, 12. enormous, 13. toothbrush, 14. nourish, 15. runway, 16. rainforest

17. This movie is famous for its romantic _____.
- n.* the use of words or pictures in books, photographs, paintings, etc., that produces pictures in the minds of people; the ability to form mental images of things or events
18. He spent only a _____ of his earnings.
- n.* a small part or item forming a piece of a whole; the quotient of two rational numbers
19. 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
20. 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
21. I want to _____ my sadness into strength.
- v.* to have a talk with someone; (adjective) reversed in order, relation, or action
22. He worked at the _____ of behavioral economics.
- n.* a border that separates two countries, or the area near this line
23. The flying car is presently in the _____ stage.
- n.* a first or preliminary example of something such as a device or vehicle from which other forms are developed
24. 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

ANSWERS: 17. imagery, 18. fraction, 19. recognition, 20. algorithm, 21. convert, 22. frontier, 23. prototype, 24. neuron

25. The election was a _____ success for the Whigs.

adj. worthy of attention because unusual or special

26. The _____ sunset took everyone's breath away.

adj. causing a strong emotional reaction of admiration, surprise, or shock due to its beauty, rarity, or excellence

27. I have a parrot as a _____.

n. an animal that you have at home as a companion and treated kindly

28. The treasure _____ of ancient artifacts was a museum's dream come true.

n. a valuable collection of rare or interesting things, usually on the earth

29. The _____ inequality was unavoidable.

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

30. The _____ platform focused on healthcare reform and reducing income inequality.

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

31. Her research team made an important _____.

n. the act or process of finding information, a place, or an object, or learning about something that was previously not known

32. They _____ pictures on the paper in preparation for the birthday card.

v. to increase, go up, or advance gradually or continuously; to prepare and supply with the necessary equipment for execution or performance; to ride on something or someone

ANSWERS: 25. remarkable, 26. stunning, 27. pet, 28. trove, 29. wealth, 30. candidate's, 31. discovery, 32. mounted

33. Please write to _____ your reservation.
- v.* to support or establish the truth or certainty of something previously believed or suspected to be the case
34. The temperature range was one of the critical _____ we had to consider when designing the experiment.
- n.* a numerical or other measurable factors that characterize a system or set of data
35. The athlete's record-breaking performance _____ all expectations.
- v.* to be or do better than someone or something; to excel or go beyond the limits or standards of something
36. 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
37. The customer on the Internet has to choose one from a formidable _____ of products.
- n.* a large group or collection of things or people, especially one that is impressive or attractive
38. The _____ chaos of the concert crowd made it seem like a wild animal was in the room.
- adj.* complete, total, or absolute; said, done, or experienced without any exceptions or qualifications; spoken aloud or enunciated very clearly and distinctly; (verb) to speak or articulate words, sounds, or a voice
39. Many employers hire _____ trainees to train as managers.
- n.* a person who has a first degree from university or college; (verb) to complete the first course of university or college and get a degree

ANSWERS: 33. confirm, 34. parameters, 35. surpassed, 36. progression, 37. array, 38. utter, 39. graduate

40. She sat quietly, _____ the difficult decision.
v. to think deeply or carefully about something
41. The girl _____ a garland for her friend.
v. to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them
42. He heard a _____ of sirens roar from the neighboring town.
n. a low continuous humming noise; someone who takes more time than necessary; a pilot-less aerial vehicle that is operated by remote control
43. The enemy fell right into the _____.
n. a piece of equipment or hole for catching animals or people; (verb) to catch animals or people and prevent them from escaping
44. She was nearly _____ due to severe diabetes.
adj. unable to see; unable or unwilling to perceive or understand the true nature of something
45. 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
46. We may frequently _____ age with the frequency of disease.
v. to have a connection or relationship in which one thing affects or depends on another
47. The consequences of the pandemic remain _____ as scientists continue to research the virus.
adj. not seen or noticed; not perceived

ANSWERS: 40. pondering, 41. weaves, 42. drone, 43. trap, 44. blind, 45. diagnose, 46. correlate, 47. unseen

48. An _____ attitude toward its employees significantly impacts their productivity.

n. a person or organization that pays workers to work for them

49. We looked at this issue from a different _____.

n. a way of thinking about a specific subject; a place from which something can be viewed, especially in an area of natural beauty

50. The children held onto the _____ tightly as they walked up the steep staircase.

n. a horizontal barrier or fence supported by posts or columns, often used for safety or decorative purposes, particularly on balconies, staircases, or along the edge of a building or platform

51. As a _____ he helped me realize my career.

n. a person who helps and advises a younger or less experienced person over time, usually at work or school

52. The _____ leader inspired others to join the fight for freedom and democracy.

adj. relating to or characterized by a complete or dramatic change

53. My mother's illness had a _____ impact on us all.

adj. extremely great; sensed or experienced very strongly; displaying a high level of knowledge or comprehension

54. The laboratory _____ made it possible for the scientist to experiment.

n. the equipment, materials, or tools that are used to perform a specific task, often in a scientific, technical, or industrial setting

ANSWERS: 48. employer's, 49. viewpoint, 50. railing, 51. mentor, 52. revolutionary, 53. profound, 54. apparatus

55. I was able to _____ the moment on film.

- v.* to catch a person or an animal and confine them in an area which they cannot escape

56. Effective communication is an _____ part of any successful team.

- adj.* necessary to make a whole complete; essential, or fundamental; combining with something else to form a whole; (noun, of mathematics) a fundamental concept in calculus that represents the area under a curve between two points on a graph

57. The company specializes in both hardware and _____.

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

58. That style is no longer in _____.

- n.* a style that is popular at a particular time or place; the state of being popular

59. Skydiving is an overwhelming _____ for many people.

- n.* a feeling of extreme and sudden excitement and pleasure; to cause someone to feel sudden intense sensation or emotion

60. This examination _____ of five problems to solve.

- v.* to be composed or made up of

61. That adventurer traveled in _____ of buried treasure.

- n.* a long or challenging search for something

62. The politician was known for his _____ efforts to improve healthcare.

- adj.* characterized by a persistent and energetic effort; not easily fatigued or discouraged

ANSWERS: 55. capture, 56. integral, 57. software, 58. fashion, 59. thrill, 60. consists, 61. quest, 62. tireless

63. The _____ on the corner of the street has been out for a week, making it difficult to see at night.
- n.* a tall standing pole that supports one or more electric lamps
64. In the hospital, she will remain under constant _____.
- n.* the act or activity of carefully examining or monitoring something or someone
65. The _____ firefighter rescued the family from the burning building.
- adj.* showing courage or fearlessness in the face of danger, difficulty, or adversity
66. We gained various _____ by analyzing the vast amount of data owned by the company.
- n.* the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like
67. Benjamin Franklin proved that lightning is electricity through experiments with _____.
- n.* a toy made of a light frame covered with cloth or plastic and joined to a long string that you fly in the air
68. The plant had a _____ appearance, indicating that it was not getting enough water.
- adj.* without life; dead
69. The _____ for applying for a visa can be lengthy and complicated.
- n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

ANSWERS: 63. lamppost, 64. observation, 65. brave, 66. insights, 67. kites, 68. lifeless, 69. process

70. A _____ engineer is still in demand in many companies.

adj. operated by a machine, relating to or concerned with machinery or tools

71. Management must take _____ responsibility for the accident.

adj. furthest or highest in degree or order

72. The night shift _____ checked my vital signs before administering the medication.

n. a healthcare professional who is trained to provide care for the sick or injured;
(verb) to try to cure by special care or treatment of an illness or injury

73. Her response revealed _____ idiocy.

adj. unbelievable; enormous

74. The military has _____ an abuse of human rights.

v. to do something illegal or wrong

75. He has a flair for _____.

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

76. The economy is growing at a supercharged _____.

n. the speed at which someone or something moves, or the rate at which something happens or changes

77. The car _____ after colliding with the tree.

v. to collapse or crumple into a disordered or wrinkled mass; to fall apart or lose strength suddenly; to become emotionally distressed or overwhelmed

ANSWERS: 70. mechanical, 71. ultimate, 72. nurse, 73. incredible, 74. committed, 75. mathematics, 76. pace, 77. crumpled

78. The chemicals _____ a massive health risk.

- v.* to present a risk, problem, or other issues that must be addressed

79. 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

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

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

81. We would _____ an early reply.

- v.* to value and acknowledge the worth of someone or something; to be grateful for something or someone

82. In terms of _____ he was head and shoulders above his classmates.

- n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons

83. The building makes a remarkable _____ impact.

- adj.* relating to seeing or sight

84. The cave was a habitat for _____.

- n.* a nocturnal animal with wings that flies and feeds at night, similar to a mouse; a piece of wood with a handle used for hitting the ball in sports including baseball, cricket, and table tennis

85. Some _____ are common across cultures and backgrounds.

- n.* a strong feeling such as love, anger, etc. deriving from one's situation, mood, or relationships with others

ANSWERS: 78. pose, 79. brain, 80. pH, 81. appreciate, 82. intelligence, 83. visual, 84. bats, 85. emotions

86. The Prime Minister will pay a courtesy visit to the Nobel laureate's ____.
- n.* a workplace for the conduct of scientific research; a laboratory
87. Graduating from college was a major _____ for her.
- n.* the successful completion of a task or goal; an ability that has been acquired by training
88. I decided to seek counseling on the advice of my _____.
- n.* one of a group of a coworker, especially in a profession or a business
89. The exam was _____ tricky for everyone.
- adv.* in a way that causes amazement or wonder
90. The speaker mounted the _____ and started to speak.
- n.* the raised flat space close to the track at a train station where passengers get on or off the train; (technology) a computational or digital environment in which a piece of software is executed
91. We bought a Spanish _____ book.
- n.* a group of words that mean something specific when used together
92. He could not _____ against temptation.
- v.* to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction
93. The youngster was _____ at by the beast.
- v.* to stare at something or someone for an extended time, usually out of surprise or adoration, or because you are thinking about something else

ANSWERS: 86. lab, 87. accomplishment, 88. colleague, 89. surprisingly, 90. platform, 91. phrase, 92. struggle, 93. gazed

94. 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
95. The _____ of the dancers on stage was graceful and elegant.
- n. a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
96. He found that it is difficult to _____ socially.
- v. to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups
97. She agreed to _____ with him in creating new artwork.
- v. to work with someone else to produce or achieve something
98. _____ advances have disrupted many industries.
- adj. based on scientific and industrial progress
99. The electric _____ keeps me warm on cold nights.
- n. a large piece of soft material used to cover or wrap a person or thing to keep them warm; (adjective) broad in scope or content
100. The novel's plot is full of twists and turns, creating a complex _____ of events.
- n. a complex or intricate twist, turn, or arrangement of something; a complex or winding thought process, argument, or situation
101. The company's cybersecurity team _____ the CEO to potential threats.
- v. to warn or arouse to a sense of danger; (adjective) paying close attention or being in a state of readiness for action

ANSWERS: 94. communicate, 95. movement, 96. integrate, 97. collaborate, 98. Technological, 99. blanket, 100. convolution, 101. alerted

102. The _____ distinctive black and white stripes help it blend into its surroundings in the wild.
- n.* a wild, horse-like mammal native to Africa with distinctive black-and-white stripes
103. There are _____ differences between the two wine-producing regions.
- adj.* easy to see, discover or understand
104. She _____ quietly in response to the question.
- v.* to lower and raise one's head, sometimes several times, as to show approval, agreement, greeting, or confirmation
105. The cherry _____ trees in the park were in full bloom, creating a beautiful sight.
- n.* the reproductive structure on a flowering plant that consists of usually colorful petals and a typically green calyx (merging of sepals); the state or time of flowering; the peak of a person's or thing's development or success
106. This artwork is _____ of her work.
- adj.* having the usual characteristics or traits of a specific group of things
107. Animal desire and preference are always _____ from their behavior.
- v.* to form an opinion or conclude that something is true based on existing facts
108. The _____ response team worked around the clock to aid those affected by the earthquake.
- n.* an unexpected event or series of events that cause widespread damage, destruction, or loss of life
109. There is a lot of _____ in the colors of flowers in the garden.
- n.* the act or state of changing; a difference or change in the way something is done, made or said

ANSWERS: 102. zebra's, 103. obvious, 104. nodded, 105. blossom, 106. typical, 107. inferred, 108. disaster, 109. variation

110. The cat _____ into a ball and went to sleep.

- v.* to form or make something form into a curved or spiral shape; (noun) a round shape formed by a series of concentric circles

111. She put her phone in the ____ pocket of her backpack.

- n.* a fastener made of interlocking teeth or ridges that is used to join two edges or pieces of fabric; a sound or motion that resembles the sound made by a zipper when it is pulled; (of a computer) a popular file compression and archiving format; (short for Zone Improvement Plan) a system of postal codes used in the United States to help facilitate mail delivery more efficiently

112. She has taken a step up in the organizational _____.

- n.* a system in which people or things are organized into different levels of importance from highest to lowest

113. The _____ toddler waddled around the park, laughing and playing.

- adj.* having a plump or rounded body shape, often used to describe children or pets

114. There was a disturbance of _____ function.

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

115. _____ elections were held in several European countries.

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

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

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

117. The company is set to _____ its new product line next month.

- v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time

ANSWERS: 110. curled, 111. zip, 112. hierarchy, 113. chubby, 114. neural, 115. Communal, 116. download, 117. launch

118. In some foreign languages, the gender of _____ exists.

n. a word that generally functions as the name of a specific object or set of objects

119. 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

120. The recent economic downturn has resulted in _____ layoffs.

adj. enormous amount; very heavy and solid

121. John Whitney was a computer animation _____.

n. inventor; explorer; someone who is among the first to achieve something

122. The company is environmentally conscious, and _____ it uses sustainable materials in its products.

adv. indicating that what follows is an additional or supplementary point; furthermore; in addition to what has been said before

123. In junior high school, we had to dissect a frog in _____ class.

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

124. Reaching the _____ of 1000 subscribers on her SNS channel was a major achievement for her.

n. an important event or stage in the development or progress of something; a stone by the side of a road to show distances

125. The computer screen comprises thousands of tiny _____ that create the overall picture.

n. the smallest unit of an image that can be displayed or manipulated electronically, typically a point of light on a computer screen or in a digital image

ANSWERS: 118. nouns, 119. identify, 120. massive, 121. pioneer, 122. moreover, 123. biology, 124. milestone, 125. pixels

126. The journalist saved a _____ of the interview for later reference.
n. a small piece or brief extract of something
127. The city is known for its impressive _____ and beautiful old buildings.
n. the art and science of designing and constructing buildings
128. Scientific knowledge will _____ significantly with the power of AI.
v. to go or move forward; to develop in a positive way
129. The new office building was _____ and could fit hundreds of employees comfortably.
adj. extremely large; gigantic; huge; excessively big
130. The findings of the experiment were both _____ and unexpected.
adj. causing a lot of interest or excitement
131. The doctor carefully examined the _____ medical history.
n. a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
132. Floods have the potential to _____ any subsurface animals easily.
v. to die or cause to die by being unable to breathe underwater
133. In southward, the average annual water _____ increases.
n. the amount or number of something; magnitude
134. Government workers cannot _____ to political campaigns.
v. to give something, especially money or goods, to provide or achieve something together with other people

ANSWERS: 126. snippet, 127. architecture, 128. advance, 129. humongous, 130. exciting, 131. patient's, 132. drown, 133. quantity, 134. contribute

135. 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

136. The company's hiring criteria emphasize personality, not a person's _____.

- n.* the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem

137. The company used this _____ platform to gather ideas for its next product.

- n.* the practice of obtaining needed services, ideas, or content by enlisting the services of a large number of people, either paid or unpaid, typically via the internet

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

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

139. I'm not _____ in our victory.

- adj.* feeling sure about your abilities or qualities or having trust in people, plans, or the future

140. Many famous _____ are within walking distance.

- n.* the ability to see; anything that is seen

141. The pirates searched for buried _____ in the dunes.

- n.* a valuable or desirable possession; something that is cherished or held dear; a collection of valuable objects or money that is hidden or protected

ANSWERS: 135. vision, 136. background, 137. crowdsourcing, 138. intentions, 139. confident, 140. sights, 141. treasure

142. Her remarks _____ the debate.

v. to mistake one thing for another; to make somebody hard to understand

143. The mobile application industry is _____ changing.

adv. all the time

144. She has been practicing an ice _____ routine for months

n. a type of footwear that has a blade attached to its sole for skating on ice or other hard surfaces; an activity or sport that involves gliding on skates on ice or other hard surfaces

145. The mathematician pioneered fractal _____.

n. the area of pure mathematics that deals with the points, lines, curves, and surfaces

146. The industrial _____ laws were passed with little to no alteration.

n. the way two persons or groups of people feel and act toward one another

147. This measurement aims to reduce traffic at _____ periods.

n. the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain

148. The community greatly respected and sought after the older adult's _____.

n. the quality of being wise, or the ability to use your knowledge and experience to make sensible decisions

149. 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

ANSWERS: 142. confused, 143. constantly, 144. skate, 145. geometry, 146. relations, 147. peak, 148. wisdom, 149. develop

ANSWERS: