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Jun Wang: How digital DNA could help you make better health choices | TED Talk

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

All Words

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Session 1: Word List

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.

puzzling

adj. confusing or difficult to understand; mysterious

synonym: baffling, confusing, enigmatic

(1) **puzzling** behavior, (2) **puzzling** questions

The detective found the clues **puzzling** and couldn't solve the case immediately.

thesis

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

synonym: dissertation, argument, treatise

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

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

undergraduate

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

synonym : college student, freshman

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

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**.

calculator

n. a small electronic device for making arithmetic calculations

synonym : computer, machine, estimator

(1) **calculator** app, (2) analog **calculator**
I left my alpha **calculator** at home, so I had to borrow one from a classmate to finish my math homework.

digital

adj. processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet

synonym : numerical, computerized, cyber

(1) a **digital** watch, (2) **digital** electronic signature
Sensors convert physical phenomena into **digital** signals.

beetle

n. an insect having a hard shell-like back covering its wings

(1) **beetle** brows, (2) a **beetle** larva

In ancient civilizations, the scarab **beetle** was worshiped as a sacred creature.

neural

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

synonym : sensory, neuronic, nervous

(1) **neural** stem cells, (2) **neural** networks in AI
There was a disturbance of **neural** function.

genetic

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

synonym : hereditary, genetical, inborn

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

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

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.

identical

adj. being the exact same one

synonym : duplicate, exact, analogous

(1) pair of **identical** twins, (2) an **identical** equation

Infant formulas are nutritionally almost **identical** to a mother's breast milk.

striking

adj. attractive and distinctive enough to draw notice; exceedingly appealing, frequently in an odd manner

synonym : arresting, astonishing, exceptional

(1) **striking** innovation, (2) **striking** evidence

The two plays have many **striking** parallels.

genome

n. the complete set or sequence of genes of a human, animal, plant, or other living things

(1) sequencing of the human **genome**, (2) **genome** analyses

The human **genome** contains approximately three billion chemical base pairs.

represent

v. to speak, act, or be present on behalf of another person or group; to form or constitute

synonym : depict, express, describe

(1) **represent** by a diagram, (2) the characters that **represent** numbers

We elected him to **represent** us at the international conference.

survival

n. the state of continuing to exist or live, frequently in the face of difficulty or danger

synonym : endurance, continuity

(1) **survival** ability, (2) **survival** food

He evaluated his chances for **survival** rather pessimistically.

strategy

n. a detailed plan of action designed to achieve a long-term or overall goal.

synonym : approach, procedure, scenario

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

Our plan includes a comprehensive marketing **strategy**.

evolution

n. a gradual process of transformation of living things

synonym : elaboration, expansion, transition

(1) human **evolution**, (2) **evolution** theory

They study the **evolution** of the universe.

interaction

n. the act of connecting with someone, mainly when working, playing, or spending time with them

synonym : dealings, exchange, relations

(1) the **interaction** between man and his environment,

(2) **interaction** among human beings

The **interaction** of the two groups is good for brainstorming.

ancestor

n. a person from whom one is descended; a forefather

synonym : forebear, forefather, progenitor

(1) **ancestor** language, (2) earliest human **ancestor**

My remote **ancestor** immigrated to the United States from Ireland in the 1800s.

environment

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

synonym: atmosphere, surroundings, climate

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

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

fascinate

v. to attract and hold the attention of someone deeply and irresistibly

synonym: captivate, intrigue, mesmerize

(1) **fascinate** the public, (2) **fascinate** the young

The magic tricks **fascinated** the children.

decide

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

synonym: choose, determine, settle

(1) **decide** a question, (2) **decide** on a course of action

She couldn't **decide** whether to order the pizza or the pasta for dinner.

cofounder

n. one of several people who establishes an organization or starts a business

(1) **cofounder** of the university, (2) late **cofounder**

He is the **cofounder** and chairman of this tech company.

institute

n. an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something

synonym: academy, university, college

(1) **institute** a lawsuit, (2) research **institutes**

This region has many **institutes** offering higher education.

sequence

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

synonym: arrangement, succession, series

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

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

advantage

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

synonym: benefit, edge, asset

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

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

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.

specific

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

synonym: particular, definite, distinct

(1) **specific** instructions, (2) industry- **specific** regulations

The scientist conducted a study that provided **specific** details about the species' behavior.

haplotype

n. a specific combination of genetic variations or alleles that are inherited together on the same chromosome from a single parent, which is used to analyze genetic patterns and understand the inheritance of specific traits or diseases

synonym: allele, gene, genetic variant

(1) specific **haplotype**, (2) genetic **haplotype**

The **haplotype** analysis provided valuable insights into the evolutionary history of the species.

altitude

n. the height of an object or point in relation to sea level or ground level

synonym : height, elevation, tallness

(1) the meridian **altitude**, (2) low **altitude**

The plane flew at a high **altitude** to avoid turbulence.

adaptation

n. the action or process of changing to suit different conditions

synonym : adaption, adjustment, transformation

(1) **adaptation** ability, (2) language **adaptation**

The company's **adaptation** approach has been highly effective.

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.

individual

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

synonym : person, being, self

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

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

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.

- bug** *n.* any tiny insect; a fault or defect in a computer program, system, or machine
synonym: insect, bacterium, microbe
(1) **bug** bites, (2) number of **bug** fixes
I found a stink **bug** crawling across the ceiling.
- defect** *n.* an imperfection, shortcoming, or lack of something or someone
synonym: fault, blemish, flaw
(1) visual **defects**, (2) **defects** of character
Defects in the design could cause much worse issues.
- monogenetic** *adj.* relating to or caused by a single gene; referring to traits or characteristics determined by a single genetic factor
synonym: single-gene, genetically determined, hereditary
(1) rare **monogenetic** disorder, (2) inherited **monogenetic** trait
The researchers discovered a **monogenetic** mutation responsible for the rare developmental disorder.
- disorder** *n.* an untidy state or a lack of organization; a physical condition or illness that causes problems with how a section of the body or brain functions
synonym: chaos, disturbance, disease
(1) the files are in complete **disorder**, (2) people with bipolar **disorder**
The doctor prescribed some medicine for the mental **disorder**.
- medicinal** *adj.* of or relating to the treatment or cure of disease
synonym: curative, therapeutic, healing
(1) **medicinal** chemistry, (2) traditional **medicinal**
The **medicinal** properties of this herb have been known to help with various ailments.
- cancer** *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized

by the uncontrolled growth and spread of abnormal cells
synonym: tumor, carcinoma, malignancy

(1) **cancer** diagnosis, (2) **cancer** research

Breast **cancer** is the most common type of cancer in women.

diabetes

n. a medical condition in which the body cannot produce enough insulin to control the glucose levels in the blood

(1) juvenile **diabetes**, (2) **diabetes** patient

My father was tested for **diabetes**.

genetics

n. the branch of biology that studies genes, genetic variation, and heredity in organisms

(1) the science of **genetics**, (2) **genetics** discrimination

He is a specialist in the **genetics** of aging.

diet

n. the food and drink that a person, animal, or community eats and drinks regularly; a legislative assembly in certain countries, for example, Japan

synonym: food, dietary

(1) eat a vegetarian **diet**, (2) **Diet** approval

A balanced **diet** is more important for health than supplements.

twin

n. either of two children born at the same time from the same mother

(1) a **twin-lens** camera, (2) a **twin** room

Its **twin** brothers are difficult to tell apart except for their parents.

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.

obese

adj. excessively overweight, particularly to the point of being a serious health risk; having a body mass index (BMI) of 30 or more

synonym: overweight, corpulent, plump

(1) **obese** individuals, (2) **obese** children

The doctor warned him that his **obese** condition put him at risk for numerous health problems.

mention

v. to speak or write about something or someone briefly

synonym: reference, allude, cite

(1) **mention** name, (2) **mention** in a report

I **mentioned** to him that I had seen his sister at the grocery store earlier that day.

statistics

n. the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data

(1) **statistics** for cancer, (2) official **statistics**

The **statistics** demonstrate that poverty and unemployment are genuine problems.

disease

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

synonym: illness, ailment, affliction

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

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

curve

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

synonym: bend, arc, turn

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

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

decision

n. the act or process of making up someone's mind about something; a choice or judgment reached after considering options

synonym: choice, determination, judgment

(1) **decision** authority, (2) a selfish **decision**

She was struggling to make a **decision** between two job offers.

reverse

v. to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear

synonym: overturn, shift, switch

(1) **reverse** the trend, (2) **reverse** the order

The restaurant **reversed** a ban on smoking.

probable

adj. likely to happen or likely to be true

synonym: likely, possible, potential

(1) **probable** outcome, (2) **probable** cause of a fire

It seems **probable** that he has forgotten our scheduled meeting.

predict

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

synonym: forecast, anticipate, foresee

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

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

consequence

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

synonym: result, impact, outcome

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

These economic activities had disastrous environmental

consequences.

afterward

adv. after the time mentioned

synonym : later, thereafter, following

(1) a few years **afterward**, (2) go there **afterward**

We will explain the countermeasure concerning this problem **afterward**.

simulate

v. to make a pretense of someone's behavior or looks; to reproduce something that exists in real life using computers, models, etc., usually for study or training purposes

synonym : pretend, imitate, mimic

(1) **simulate** climate change, (2) **simulate** a future scenario

He had painted the wood to **simulate** stone.

sophisticated

adj. having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion

synonym : refined, cultured, worldly

(1) **sophisticated** look, (2) a **sophisticated** lifestyle

Marketing strategies are growing more **sophisticated**.

complicated

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

synonym : complex, convoluted, intricate

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

complicated

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

compute

v. to make a mathematical calculation

synonym : calculate

(1) **compute** an average score, (2) **compute** the value

I tried to **compute** the efficiency of the investment.

universe

n. everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy

synonym : cosmos, macrocosm

(1) theory of the **universe**, (2) expansion of the **universe**

The **universe** is about 13.8 billion years old.

parallel

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

synonym : aligned, side-by-side, similar

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

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

comprehensive

adj. complete and including all or everything necessary

synonym : complete, encyclopedic, thorough

(1) a **comprehensive** explanation, (2) conduct a **comprehensive** survey

We have a **comprehensive** grasp of this topic.

planet

n. any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

synonym : earth, world, globe

(1) **planet** like the Earth, (2) save the **planet**

Mercury is the closest **planet** to the sun.

gout

n. a form of arthritis characterized by sudden and severe pain, tenderness, and inflammation in the joints, particularly in the big toe, caused by an accumulation of uric acid in the blood

synonym : arthritis, rheumatism, joint pain

(1) **gout** treatment, (2) **gout** arthritis

The rich food and drink were delicious but gave him painful **gout** in his toes.

protein

n. a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues

(1) stress **protein**, (2) **protein** synthesis

The body needs a certain amount of **protein** to build and repair tissues.

metabolism

n. the set of chemical reactions in cells or organisms that are necessary for life-sustaining

(1) **metabolism** enzyme, (2) hemoglobin **metabolism**

Better sleep leads to increased **metabolism**.

antibody

n. a substance produced in the blood that attacks and kills harmful bacteria, viruses, etc., to fight disease

(1) produce **antibody**, (2) **antibody** against bacteria

This pharmaceutical company is developing **antibody** drugs with fewer side effects.

bacteria

n. single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease

synonym: microorganism, microbe

(1) pathogenic **bacteria**, (2) harmless **bacteria**

Bacteria prevalent in hospitals are often resistant to antibiotics.

virus

n. a tiny infectious organic material that causes disease in people, animals, and plants

synonym: bacterium, germ, ailment

(1) spread of the **virus**, (2) a strain of **virus**

An infected person in the hospital will likely pass the **virus** to others.

device

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

synonym: gadget, instrument, tool

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

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

toilet

n. a bowl-shaped plumbing fixture with a seat for defecation and urination, or a room or building containing one or more of this fixture

synonym : bathroom, lavatory, washroom

(1) **toilet** paper, (2) **toilet** seat

She walked to the **toilet** to freshen up before the meeting.

invaluable

adj. extremely useful, important, or valuable; describing something that cannot be measured in terms of monetary or material worth

synonym : priceless, inestimable, precious

(1) **invaluable** support, (2) **invaluable** resource

The advice given by my mentor was **invaluable** in my career.

flush

v. to become red on your face, especially because you are embarrassed, angry, or hot; to rinse, clean, or empty something, especially a toilet, by causing large quantities of water to flow

synonym : redden, burn, suffuse

(1) the blood **flush** into my face, (2) **flush** the toilet

The girl **flushed** when a young man whistled as she walked by.

urine

n. a liquid by-product of metabolism in humans and in many other animals that are released from the body when you urinate

synonym : excrement, dung, pee

(1) **urine** composition, (2) blood in the **urine**

They collected a **urine** specimen for urinalysis.

acid

n. sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials

synonym : sour

(1) an **acid** reaction, (2) good source of essential amino **acids**

During pregnancy, the stomach generates less **acid** than

usual.

norm

n. something that is regarded as usual, typical, or standard
synonym : criterion, mean, standard

(1) **norm** of action, (2) cultural **norm**

The systems we have developed has accepted as industry **norms**.

burdock

n. a plant of the daisy family, with broad, prickly leaves and purple flower heads, typically found in waste ground and often cultivated for its edible root or medicinal purposes
synonym : cocklebur, clotbur

(1) **burdock** root, (2) **burdock** tea

I plucked some **burdock** leaves from my garden to brew into a medicinal tea.

pronounce

v. to say or speak (a word or words) correctly or in a particular way

synonym : articulate, enunciate, voice

(1) **pronounce** a judgment, (2) **pronounce** a name

She struggled to **pronounce** the word in a foreign language.

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**.

efficient

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

synonym : productive, effective, competent

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

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

jetlag

n. a feeling of fatigue, disorientation, and other symptoms experienced by a person after traveling across different time zones, typically by air travel

(1) **jetlag** symptoms, (2) experience **jetlag**

After traveling across multiple time zones, I experienced severe **jetlag** and couldn't sleep at night.

metformin

n. a prescription medication commonly used to treat type 2 diabetes by helping to control blood sugar levels, which belongs to the class of drugs called biguanides

(1) **metformin** treatment, (2) **metformin** side effects

The doctor recommended starting a daily **metformin** dose to help control blood sugar levels.

supposedly

adv. according to what is generally assumed or believed without actually knowing for sure

synonym: seemingly, allegedly, purportedly

(1) **supposedly** identical, (2) neckless **supposedly** made of pure gold

He is **supposedly** nominated for a Nobel Prize.

marathon

n. a long-distance race of 42.195 kilometers

synonym: endurance, race, event

(1) run a **marathon**, (2) watch a **marathon**

She successfully completed her first **marathon** with a personal best time.

liquor

n. an alcoholic beverage that is distilled rather than fermented, such as whiskey or gin; alcohol, in general

synonym: alcohol, spirits, booze

(1) **liquor** store, (2) craft **liquor**

She poured a glass of her favorite **liquor** and enjoyed it slowly.

rehearsal

n. a practice session, usually for a performance or presentation, during which people prepare and fine-tune their performance, often with the help of feedback from

others; the act of rehearsing

synonym: practice, run-through, drill

(1) dress **rehearsal**, (2) music **rehearsal**

The theater company had its final **rehearsal** before opening night.

folk

n. people in general, especially those of a particular group or type

synonym: community, family, person

(1) **folk** art, (2) the **folk** songs of a particular district

Some seaweed was used as **folk** medicine in ancient times.

glucose

n. a type of sugar that is found in plants, especially fruit, and is an essential energy source in living things

synonym: sugar, blood sugar

(1) blood **glucose** test, (2) **glucose** level

The doctor injected **glucose** into his patient's veins.

reaction

n. a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others

synonym: response, reply, answer

(1) chemical **reaction**, (2) trigger a **reaction**

There was a chemical **reaction** of the lime with the groundwater.

experiment

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

synonym: experimentation, investigation

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

His **experiments** showed highly positive results.

ingredient

n. one of the things used to make something, especially one of the foods used to make a particular dish

synonym: element, component

(1) secret **ingredients**, (2) compound the **ingredients**

Greed is the primary **ingredient** in the making of criminals.

precise

adj. sharply exact or accurate or delimited

synonym : accurate, exact, distinct

(1) **precise** analyses, (2) estimate **precise** costs

The content is **precise** and informative for me.

nutrition

n. the substances or the process that organisms take into their bodies as food for their growth and health

synonym : alimentation, nourishment, sustenance

(1) **nutrition** condition, (2) **nutrition** intake

This food contains all the **nutrition** your dog requires.

achievable

adj. possible to accomplish or attain

synonym : attainable, possible, reachable

(1) **achievable** task, (2) **achievable** plan

Setting a realistic and **achievable** goal is the key to success.

cheat

v. to act dishonestly or unfairly to gain an advantage or to deceive someone; to break the rules or laws

synonym : deceive, swindle, defraud

(1) **cheat** on my taxes, (2) **cheat** in a game

Even though he knew it was wrong, he **cheated** on the exam.

immune

adj. protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells

synonym : resistant, unsusceptible, unaffected

(1) **immune** from criminal prosecution, (2) the cell of the **immune** system

The vaccination does not necessarily make you completely **immune**.

hint

n. an indirect suggestion; a slight but appreciable amount of something

synonym : clue, indication, suggestion

(1) **hint** of trouble, (2) helpful **hints**
There was no **hint** of a problem.

dramatically

adv. in a very impressive manner

synonym: greatly, noticeably, suddenly

(1) he confessed **dramatically**, (2) the cabin pressure fell **dramatically**

Life expectancy has grown **dramatically** this century.

dramatic

adj. very sudden, very excellent, or full of action and excitement

synonym: striking, theatrical, breathtaking

(1) make **dramatic** changes, (2) a **dramatic** rescue at sea
The statement had a **dramatic** impact on house prices.

essentially

adv. relating to the essential features or concepts of anything

synonym: fundamentally, basically, virtually

(1) **essentially** correct, (2) become **essentially** same
Essentially, a society is an organism.

feces

n. waste matter eliminated from the bowels; excrement

synonym: poop, stool, excrement

(1) **feces** sample, (2) human **feces**

Proper disposal of **feces** is essential for maintaining public health and sanitation.

combination

n. a collection of things that have been combined; an assemblage of separate parts or qualities

synonym: blend, hybrid, compounding

(1) genic **combinations**, (2) **combination** number

The **combination** to the safe was a secret.

cocktail

n. a drink, usually an alcoholic one, made by mixing one or more spirits (= strong alcoholic drinks) and fruit juice; an appetizer served as a first course at a meal

synonym: appetizer, beverage

(1) a light **cocktail**, (2) **cocktail** of chemicals
We invited some friends for a **cocktail** party.

essay

n. a short piece of writing on a particular topic, usually written by a student as a part of a course of study
synonym: paper, commentary, report

(1) score the SAT **essays**, (2) thoughtful **essay**
The Chief editor checks all **essays** for plagiarism with software.

celebrate

v. to acknowledge a memorable or good day or event with a social gathering or enjoyable activity
synonym: praise, glorify, honor

(1) **celebrate** his election, (2) **celebrate** Christmas
He **celebrated** the 10th anniversary of his tenure.

anniversary

n. the annual recurrence of a date marking a notable event; a date on which an event occurred in a previous year
synonym: commemoration, celebration, observance

(1) **anniversary** celebration, (2) a bicentennial **anniversary**
They celebrated their 10th **anniversary** with a romantic dinner.

propose

v. to make a proposal, declare a plan for something
synonym: suggest, offer, recommend

(1) **propose** the amendment, (2) **propose** changes
I want to **propose** a toast in honor of our longstanding relationship.

amazing

adj. extremely surprising, especially in a way that you like or admire
synonym: exceptional, extraordinary, wonderful

(1) **amazing** advances, (2) the most **amazing** feeling
The golfer recorded an **amazing** distance.

suspect

v. to consider anything to be actual or probable
synonym: assume, distrust, surmise

(1) **suspect** a plot, (2) **suspect** that he is sick
The cops **suspected** him of being the killer.

possibility

n. a chance that something may happen or be true
synonym: chance, prospect, likelihood

(1) **possibility** for growth, (2) **possibility** of a major earthquake
The **possibility** of getting the disease will drastically increase.

affordable

adj. not expensive and able to pay
synonym: cheap, reasonable, inexpensive

(1) **affordable** housing, (2) **affordable** solution
The automaker has been providing **affordable** car financing options since last year.

inequality

n. the unfairness of a society in which some people have more opportunity, money, etc. than others;
(mathematics) relation between two values when they are different

synonym: imbalance, prejudice, unfairness

(1) **inequality** in salary, (2) algebraic **inequality**
There are several causes of economic **inequality** within societies.

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**.

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**.

disseminate

v. to spread or distribute widely, especially information or ideas; to scatter or disperse

synonym: spread, circulate, propagate

(1) **disseminate** propaganda, (2) **disseminate** knowledge

It is important to **disseminate** accurate information to the public to prevent false rumors from spreading.

broad

adj. very wide; general

synonym: wide, expansive, comprehensive

(1) attract **broad** attention, (2) a **broad** mind

He accumulated wealth across a **broad** spectrum of assets.

recipient

n. a person who receives something

synonym: receiver, beneficiary

(1) a **recipient** of a Nobel prize, (2) a **recipient** of a lung transplant

When performing an organ transplant, it is necessary to test for compatibility between the donor and **recipient**.

digit

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

synonym: number, integer, numeral

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

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

urgently

adv. in a way that requires immediate action or attention, especially before anything else, because of being very important

synonym: promptly, immediately, swiftly

(1) tackle the problem **urgently**, (2) **urgently** required

I need to send this email **urgently**.

merge

v. to combine or integrate things, or to cause this to happen

synonym: combine, join, coalesce

(1) **merge** into a new party, (2) **merge** those systems into a new one

This consulting firm decided to **merge** the two companies into one.

elite

adj. belonging to the wealthiest, most potent, best-educated, or best-trained group in a society

synonym: privileged, favored, elect

(1) earn **elite** status, (2) **elite** athlete

Very few educational **elites** go to Oxford or Cambridge.

adopt

v. to choose to follow something; to legally take a child from another family and care for them as if they were one's own

synonym: accept, assume, take on

(1) **adopt** a child, (2) **adopt** a bill

The national assembly has **adopted** the budget.

eventually

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

synonym: finally, someday, ultimately

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

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

Session 2: Spelling

- | | |
|--------------------------|---|
| 1. ad__t a bill | <i>v.</i> to choose to follow something; to legally take a child from another family and care for them as if they were one's own |
| 2. be___e brows | <i>n.</i> an insect having a hard shell-like back covering its wings |
| 3. traditional me_____al | <i>adj.</i> of or relating to the treatment or cure of disease |
| 4. the RSA al_____hm | <i>n.</i> a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation |
| 5. electronic de___e | <i>n.</i> a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic |
| 6. de___ts of character | <i>n.</i> an imperfection, shortcoming, or lack of something or someone |
| 7. su_____al food | <i>n.</i> the state of continuing to exist or live, frequently in the face of difficulty or danger |
| 8. produce an_____dy | <i>n.</i> a substance produced in the blood that attacks and kills harmful bacteria, viruses, etc., to fight disease |
| 9. trigger a re_____on | <i>n.</i> a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others |

ANSWERS: 1. adopt, 2. beetle, 3. medicinal, 4. algorithm, 5. device, 6. defect, 7. survival, 8. antibody, 9. reaction

10. ca___r research *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells
11. rare mon_____ic disorder *adj.* relating to or caused by a single gene; referring to traits or characteristics determined by a single genetic factor
12. pr_____t when she will arrive *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
13. pu_____ng questions *adj.* confusing or difficult to understand; mysterious
14. become ess_____ly same *adv.* relating to the essential features or concepts of anything
15. harmless ba_____ia *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
16. genic com_____ons *n.* a collection of things that have been combined; an assemblage of separate parts or qualities
17. g__t arthritis *n.* a form of arthritis characterized by sudden and severe pain, tenderness, and inflammation in the joints, particularly in the big toe, caused by an accumulation of uric acid in the blood
18. di_____l electronic signature *adj.* processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet

ANSWERS: 10. cancer, 11. monogenetic, 12. predict, 13. puzzling, 14. essentially, 15. bacteria, 16. combination, 17. gout, 18. digital

19. a di_____l watch *adj.* processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet
20. tackle the problem ur_____ly *adv.* in a way that requires immediate action or attention, especially before anything else, because of being very important
21. f__k art *n.* people in general, especially those of a particular group or type
22. pos_____ty for growth *n.* a chance that something may happen or be true
23. pair of id_____al twins *adj.* being the exact same one
24. me_____in side effects *n.* a prescription medication commonly used to treat type 2 diabetes by helping to control blood sugar levels, which belongs to the class of drugs called biguanides
25. D__t approval *n.* the food and drink that a person, animal, or community eats and drinks regularly; a legislative assembly in certain countries, for example, Japan
26. de___e a question *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
27. inherited mon_____ic trait *adj.* relating to or caused by a single gene; referring to traits or characteristics determined by a single genetic factor
28. engineering und_____ate *n.* a student who is studying for their first degree at a university or other higher education institution

ANSWERS: 19. digital, 20. urgently, 21. folk, 22. possibility, 23. identical, 24. metformin, 25. diet, 26. decide, 27. monogenetic, 28. undergraduate

29. run a ma_____on *n.* a long-distance race of 42.195 kilometers
30. pr_____e changes *v.* to make a proposal, declare a plan for something
31. learning cu___e *n.* a bend or angle in a line or surface that deviates from a straight or flat path; a gradual or smooth change in direction or shape
32. di_____e control *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
33. pr_____le outcome *adj.* likely to happen or likely to be true
34. a ge_____c disorder *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
35. yield cu___e *n.* a bend or angle in a line or surface that deviates from a straight or flat path; a gradual or smooth change in direction or shape
36. the cell of the im___e system *adj.* protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells
37. 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
38. a fountain of wi___m *n.* the quality of being wise, or the ability to use your knowledge and experience to make sensible decisions

ANSWERS: 29. marathon, 30. propose, 31. curve, 32. disease, 33. probable, 34. genetic, 35. curve, 36. immune, 37. algorithm, 38. wisdom

39. aff_____le housing *adj.* not expensive and able to pay
40. develop a st_____gy *n.* a detailed plan of action designed to achieve a long-term or overall goal.
41. fe__s sample *n.* waste matter eliminated from the bowels; excrement
42. 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
43. ob__e children *adj.* excessively overweight, particularly to the point of being a serious health risk; having a body mass index (BMI) of 30 or more
44. telescopic vi____n *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
45. an id_____al equation *adj.* being the exact same one
46. 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
47. dress re_____al *n.* a practice session, usually for a performance or presentation, during which people prepare and fine-tune their performance, often with the help of feedback from others; the act of rehearsing

ANSWERS: 39. affordable, 40. strategy, 41. feces, 42. process, 43. obese, 44. vision, 45. identical, 46. integrate, 47. rehearsal

48. ne___l networks in AI *adj.* of or relating to a nerve or the nervous system that includes the brain
49. ad__t a child *v.* to choose to follow something; to legally take a child from another family and care for them as if they were one's own
50. a private ind_____al *n.* a single person or thing, as distinct from a group
51. nu_____on intake *n.* the substances or the process that organisms take into their bodies as food for their growth and health
52. a re_____nt of a lung transplant *n.* a person who receives something
53. int_____on among human beings *n.* the act of connecting with someone, mainly when working, playing, or spending time with them
54. a com_____ed process *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
55. n__m of action *n.* something that is regarded as usual, typical, or standard
56. an_____dy against bacteria *n.* a substance produced in the blood that attacks and kills harmful bacteria, viruses, etc., to fight disease
57. have ge_____c testing *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
58. algebraic ine_____ty *n.* the unfairness of a society in which some people have more opportunity, money, etc. than others; (mathematics) relation between two values when they are different

ANSWERS: 48. neural, 49. adopt, 50. individual, 51. nutrition, 52. recipient, 53. interaction, 54. complicated, 55. norm, 56. antibody, 57. genetic, 58. inequality

59. ach_____le plan *adj.* possible to accomplish or attain
60. ch__t on my taxes *v.* to act dishonestly or unfairly to gain an advantage or to deceive someone; to break the rules or laws
61. sequencing of the human ge____e *n.* the complete set or sequence of genes of a human, animal, plant, or other living things
62. former co_____ue *n.* one of a group of a coworker, especially in a profession or a business
63. je____g symptoms *n.* a feeling of fatigue, disorientation, and other symptoms experienced by a person after traveling across different time zones, typically by air travel
64. pr_____e the amendment *v.* to make a proposal, declare a plan for something
65. pu_____ng behavior *adj.* confusing or difficult to understand; mysterious
66. ann_____ry celebration *n.* the annual recurrence of a date marking a notable event; a date on which an event occurred in a previous year
67. military st_____gy *n.* a detailed plan of action designed to achieve a long-term or overall goal.
68. pr_____e analyses *adj.* sharply exact or accurate or delimited
69. neckless sup_____ly made of pure gold *adv.* according to what is generally assumed or believed without actually knowing for sure
70. score an ad_____ge *n.* a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has

ANSWERS: 59. achievable, 60. cheat, 61. genome, 62. colleague, 63. jetlag, 64. propose, 65. puzzling, 66. anniversary, 67. strategy, 68. precise, 69. supposedly, 70. advantage

71. spread of the vi__s *n.* a tiny infectious organic material that causes disease in people, animals, and plants
72. pr____le cause of a fire *adj.* likely to happen or likely to be true
73. the se____ce of the seasons *n.* a series of related events, actions, numbers, etc., which have a particular order
74. a br__d mind *adj.* very wide; general
75. me____n in a report *v.* to speak or write about something or someone briefly
76. take ad____ge of his weak points *n.* a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has
77. bu____k tea *n.* a plant of the daisy family, with broad, prickly leaves and purple flower heads, typically found in waste ground and often cultivated for its edible root or medicinal purposes
78. ada____on ability *n.* the action or process of changing to suit different conditions
79. language ada____on *n.* the action or process of changing to suit different conditions
80. a few years af____rd *adv.* after the time mentioned
81. the most am____g feeling *adj.* extremely surprising, especially in a way that you like or admire
82. 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

ANSWERS: 71. virus, 72. probable, 73. sequence, 74. broad, 75. mention, 76. advantage, 77. burdock, 78. adaptation, 79. adaptation, 80. afterward, 81. amazing, 82. integrate

83. human ev_____on *n.* a gradual process of transformation of living things
84. low al_____de *n.* the height of an object or point in relation to sea level or ground level
85. si_____te climate change *v.* to make a pretense of someone's behavior or looks; to reproduce something that exists in real life using computers, models, etc., usually for study or training purposes
86. chemical re_____on *n.* a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others
87. unintended con_____ces *n.* the outcome of a particular action or event, especially relative to an individual
88. re_____e the trend *v.* to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear
89. co_____e an average score *v.* to make a mathematical calculation
90. ess_____ly correct *adv.* relating to the essential features or concepts of anything
91. watch a ma_____on *n.* a long-distance race of 42.195 kilometers
92. di__t identifier *n.* one of the elements that collectively form a system of numeration; a finger, thumb, or toe
93. ge_____e analyses *n.* the complete set or sequence of genes of a human, animal, plant, or other living things

ANSWERS: 83. evolution, 84. altitude, 85. simulate, 86. reaction, 87. consequence, 88. reverse, 89. compute, 90. essentially, 91. marathon, 92. digit, 93. genome

94. music re_____al *n.* a practice session, usually for a performance or presentation, during which people prepare and fine-tune their performance, often with the help of feedback from others; the act of rehearsing
95. experience je____g *n.* a feeling of fatigue, disorientation, and other symptoms experienced by a person after traveling across different time zones, typically by air travel
96. ne____l stem cells *adj.* of or relating to a nerve or the nervous system that includes the brain
97. fa_____te the young *v.* to attract and hold the attention of someone deeply and irresistibly
98. di_____es patient *n.* a medical condition in which the body cannot produce enough insulin to control the glucose levels in the blood
99. late co_____er *n.* one of several people who establishes an organization or starts a business
100. a light co_____il *n.* a drink, usually an alcoholic one, made by mixing one or more spirits (= strong alcoholic drinks) and fruit juice; an appetizer served as a first course at a meal
101. st_____ng innovation *adj.* attractive and distinctive enough to draw notice; exceedingly appealing, frequently in an odd manner
102. ef_____nt operation *adj.* performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials

ANSWERS: 94. rehearsal, 95. jetlag, 96. neural, 97. fascinate, 98. diabetes, 99. cofounder, 100. cocktail, 101. striking, 102. efficient

103. a t__n room *n.* either of two children born at the same time from the same mother
104. exp_____nt design *n.* the scientific test conducted to observe what happens and gain new knowledge
105. a re_____nt of a Nobel prize *n.* a person who receives something
106. go there af_____rd *adv.* after the time mentioned
107. the characters that re_____nt numbers *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
108. eve_____ly succeed *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
109. cal_____or app *n.* a small electronic device for making arithmetic calculations
110. ach_____le task *adj.* possible to accomplish or attain
111. compound the ing_____nts *n.* one of the things used to make something, especially one of the foods used to make a particular dish
112. people with bipolar di_____er *n.* an untidy state or a lack of organization; a physical condition or illness that causes problems with how a section of the body or brain functions
113. bu_____k root *n.* a plant of the daisy family, with broad, prickly leaves and purple flower heads, typically found in waste ground and often cultivated for its edible root or medicinal purposes
114. com_____on number *n.* a collection of things that have been combined; an assemblage of separate parts or qualities

ANSWERS: 103. twin, 104. experiment, 105. recipient, 106. afterward, 107. represent, 108. eventually, 109. calculator, 110. achievable, 111. ingredient, 112. disorder, 113. burdock, 114. combination

115. h__t of trouble *n.* an indirect suggestion; a slight but appreciable amount of something
116. blood gl_____e test *n.* a type of sugar that is found in plants, especially fruit, and is an essential energy source in living things
117. ob__e individuals *adj.* excessively overweight, particularly to the point of being a serious health risk; having a body mass index (BMI) of 30 or more
118. a bicentennial ann_____ry *n.* the annual recurrence of a date marking a notable event; a date on which an event occurred in a previous year
119. the meridian al_____de *n.* the height of an object or point in relation to sea level or ground level
120. analog cal_____or *n.* a small electronic device for making arithmetic calculations
121. sta_____cs for cancer *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
122. conduct a com_____ive survey *adj.* complete and including all or everything necessary
123. attract br__d attention *adj.* very wide; general
124. act as a pi_____r *n.* inventor; explorer; someone who is among the first to achieve something
125. he confessed dra_____lly *adv.* in a very impressive manner
126. good source of essential amino a__ds *n.* sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials

ANSWERS: 115. hint, 116. glucose, 117. obese, 118. anniversary, 119. altitude, 120. calculator, 121. statistics, 122. comprehensive, 123. broad, 124. pioneer, 125. dramatically, 126. acid

127. li___r store *n.* an alcoholic beverage that is distilled rather than fermented, such as whiskey or gin; alcohol, in general
128. an_____or language *n.* a person from whom one is descended; a forefather
129. wi___m literature *n.* the quality of being wise, or the ability to use your knowledge and experience to make sensible decisions
130. inv_____le resource *adj.* extremely useful, important, or valuable; describing something that cannot be measured in terms of monetary or material worth
131. tracking de___e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
132. su_____t that he is sick *v.* to consider anything to be actual or probable
133. stress pr_____n *n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
134. ev_____on theory *n.* a gradual process of transformation of living things
135. aff_____le solution *adj.* not expensive and able to pay
136. sp_____ic instructions *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
137. gl_____e level *n.* a type of sugar that is found in plants, especially fruit, and is an essential energy source in living things

ANSWERS: 127. liquor, 128. ancestor, 129. wisdom, 130. invaluable, 131. device, 132. suspect, 133. protein, 134. evolution, 135. affordable, 136. specific, 137. glucose

138. ce_____te Christmas *v.* to acknowledge a memorable or good day or event with a social gathering or enjoyable activity
139. number of b_g fixes *n.* any tiny insect; a fault or defect in a computer program, system, or machine
140. the files are in complete di_____er *n.* an untidy state or a lack of organization; a physical condition or illness that causes problems with how a section of the body or brain functions
141. ur__e composition *n.* a liquid by-product of metabolism in humans and in many other animals that are released from the body when you urinate
142. 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
143. collaborate with co_____ues *n.* one of a group of a coworker, especially in a profession or a business
144. b_g bites *n.* any tiny insect; a fault or defect in a computer program, system, or machine
145. master th____s *n.* a written essay, especially one submitted for a university degree, that sets out the author's findings on a particular subject
146. nu_____on condition *n.* the substances or the process that organisms take into their bodies as food for their growth and health

ANSWERS: 138. celebrate, 139. bug, 140. disorder, 141. urine, 142. platform, 143. colleague, 144. bug, 145. thesis, 146. nutrition

147. ine_____ty in salary *n.* the unfairness of a society in which some people have more opportunity, money, etc. than others; (mathematics) relation between two values when they are different
148. the DNA se_____ce *n.* a series of related events, actions, numbers, etc., which have a particular order
149. me__e those systems into a new one *v.* to combine or integrate things, or to cause this to happen
150. 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
151. the cabin pressure fell dra_____lly *adv.* in a very impressive manner
152. 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
153. research in_____tes *n.* an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something
154. re_____e the order *v.* to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear

ANSWERS: 147. inequality, 148. sequence, 149. merge, 150. platform, 151. dramatically, 152. develop, 153. institute, 154. reverse

155. ur____ly required *adv.* in a way that requires immediate action or attention, especially before anything else, because of being very important
156. fl__h the toilet *v.* to become red on your face, especially because you are embarrassed, angry, or hot; to rinse, clean, or empty something, especially a toilet, by causing large quantities of water to flow
157. cultural n__m *n.* something that is regarded as usual, typical, or standard
158. co_____er of the university *n.* one of several people who establishes an organization or starts a business
159. genetic ha_____pe *n.* a specific combination of genetic variations or alleles that are inherited together on the same chromosome from a single parent, which is used to analyze genetic patterns and understand the inheritance of specific traits or diseases
160. pl____t like the Earth *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
161. earliest human an____or *n.* a person from whom one is descended; a forefather
162. und_____ate course *n.* a student who is studying for their first degree at a university or other higher education institution
163. p__e a challenge *v.* to present a risk, problem, or other issues that must be addressed

ANSWERS: 155. urgently, 156. flush, 157. norm, 158. cofounder, 159. haplotype, 160. planet, 161. ancestor, 162. undergraduate, 163. pose

164. pr_____n synthesis *n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
165. the int_____on between man and his environment *n.* the act of connecting with someone, mainly when working, playing, or spending time with them
166. dis_____te propaganda *v.* to spread or distribute widely, especially information or ideas; to scatter or disperse
167. ge_____cs discrimination *n.* the branch of biology that studies genes, genetic variation, and heredity in organisms
168. estimate pr_____e costs *adj.* sharply exact or accurate or delimited
169. make dr_____ic changes *adj.* very sudden, very excellent, or full of action and excitement
170. an a__d reaction *n.* sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials
171. the science of ge_____cs *n.* the branch of biology that studies genes, genetic variation, and heredity in organisms
172. hemoglobin met_____sm *n.* the set of chemical reactions in cells or organisms that are necessary for life-sustaining
173. juvenile di_____es *n.* a medical condition in which the body cannot produce enough insulin to control the glucose levels in the blood

ANSWERS: 164. protein, 165. interaction, 166. disseminate, 167. genetics, 168. precise, 169. dramatic, 170. acid, 171. genetics, 172. metabolism, 173. diabetes

174. the di__t in the hundreds place *n.* one of the elements that collectively form a system of numeration; a finger, thumb, or toe
175. pathogenic ba_____ia *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
176. early pi_____rs *n.* inventor; explorer; someone who is among the first to achieve something
177. the f__k songs of a particular district *n.* people in general, especially those of a particular group or type
178. craft li____r *n.* an alcoholic beverage that is distilled rather than fermented, such as whiskey or gin; alcohol, in general
179. me_____in treatment *n.* a prescription medication commonly used to treat type 2 diabetes by helping to control blood sugar levels, which belongs to the class of drugs called biguanides
180. sup_____ly identical *adv.* according to what is generally assumed or believed without actually knowing for sure
181. re_____nt by a diagram *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
182. am_____g advances *adj.* extremely surprising, especially in a way that you like or admire

ANSWERS: 174. digit, 175. bacteria, 176. pioneer, 177. folk, 178. liquor, 179. metformin, 180. supposedly, 181. represent, 182. amazing

183. to___t paper *n.* a bowl-shaped plumbing fixture with a seat for defecation and urination, or a room or building containing one or more of this fixture
184. a be___e larva *n.* an insect having a hard shell-like back covering its wings
185. met_____sm enzyme *n.* the set of chemical reactions in cells or organisms that are necessary for life-sustaining
186. thoughtful es__y *n.* a short piece of writing on a particular topic, usually written by a student as a part of a course of study
187. 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
188. de_____on authority *n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options
189. a selfish de_____on *n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options
190. eat a vegetarian d__t *n.* the food and drink that a person, animal, or community eats and drinks regularly; a legislative assembly in certain countries, for example, Japan

ANSWERS: 183. toilet, 184. beetle, 185. metabolism, 186. essay, 187. process, 188. decision, 189. decision, 190. diet

191. me__e into a new party *v.* to combine or integrate things, or to cause this to happen
192. pr_____ce a name *v.* to say or speak (a word or words) correctly or in a particular way
193. become increasingly com_____ed *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
194. a t__n-lens camera *n.* either of two children born at the same time from the same mother
195. theory of the un_____se *n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
196. ca___r diagnosis *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells
197. in_____te a lawsuit *n.* an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something
198. a sop_____ted lifestyle *adj.* having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion
199. human fe__s *n.* waste matter eliminated from the bowels; excrement
200. energy-ef_____nt appliances *adj.* performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials

ANSWERS: 191. merge, 192. pronounce, 193. complicated, 194. twin, 195. universe, 196. cancer, 197. institute, 198. sophisticated, 199. feces, 200. efficient

201. sop_____ted look *adj.* having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion
202. specific ha_____pe *n.* a specific combination of genetic variations or alleles that are inherited together on the same chromosome from a single parent, which is used to analyze genetic patterns and understand the inheritance of specific traits or diseases
203. pa_____el processing *adj.* being everywhere equidistant and not intersecting; of or relating to the simultaneous performance of multiple operations
204. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
205. ch__t in a game *v.* to act dishonestly or unfairly to gain an advantage or to deceive someone; to break the rules or laws
206. blood in the ur__e *n.* a liquid by-product of metabolism in humans and in many other animals that are released from the body when you urinate
207. me_____al chemistry *adj.* of or relating to the treatment or cure of disease
208. helpful h__ts *n.* an indirect suggestion; a slight but appreciable amount of something
209. p__e a significant threat to my company *v.* to present a risk, problem, or other issues that must be addressed

ANSWERS: 201. sophisticated, 202. haplotype, 203. parallel, 204. environment, 205. cheat, 206. urine, 207. medicinal, 208. hint, 209. pose

210. pr_____t the future *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
211. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
212. st_____ng evidence *adj.* attractive and distinctive enough to draw notice; exceedingly appealing, frequently in an odd manner
213. g__t treatment *n.* a form of arthritis characterized by sudden and severe pain, tenderness, and inflammation in the joints, particularly in the big toe, caused by an accumulation of uric acid in the blood
214. series of exp_____nts *n.* the scientific test conducted to observe what happens and gain new knowledge
215. earn el__e status *adj.* belonging to the wealthiest, most potent, best-educated, or best-trained group in a society
216. a dr_____ic rescue at sea *adj.* very sudden, very excellent, or full of action and excitement
217. save the pl____t *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
218. a com_____ive explanation *adj.* complete and including all or everything necessary
219. 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: 210. predict, 211. environment, 212. striking, 213. gout, 214. experiment, 215. elite, 216. dramatic, 217. planet, 218. comprehensive, 219. vision

220. secret ing_____nts *n.* one of the things used to make something, especially one of the foods used to make a particular dish
221. score the SAT es__ys *n.* a short piece of writing on a particular topic, usually written by a student as a part of a course of study
222. visual de___ts *n.* an imperfection, shortcoming, or lack of something or someone
223. to ___t seat *n.* a bowl-shaped plumbing fixture with a seat for defecation and urination, or a room or building containing one or more of this fixture
224. a pa_____el case *adj.* being everywhere equidistant and not intersecting; of or relating to the simultaneous performance of multiple operations
225. the blood fl__h into my face *v.* to become red on your face, especially because you are embarrassed, angry, or hot; to rinse, clean, or empty something, especially a toilet, by causing large quantities of water to flow
226. pr_____ce a judgment *v.* to say or speak (a word or words) correctly or in a particular way
227. co_____e the value *v.* to make a mathematical calculation
228. industry-sp_____ic regulations *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
229. a drift of a th___s *n.* a written essay, especially one submitted for a university degree, that sets out the author's findings on a particular subject

ANSWERS: 220. ingredient, 221. essay, 222. defect, 223. toilet, 224. parallel, 225. flush, 226. pronounce, 227. compute, 228. specific, 229. thesis

230. su_____t a plot *v.* to consider anything to be actual or probable
231. dis_____te knowledge *v.* to spread or distribute widely, especially information or ideas; to scatter or disperse
232. the con_____ce of an argument *n.* the outcome of a particular action or event, especially relative to an individual
233. eve_____ly become obsolete *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
234. fa_____te the public *v.* to attract and hold the attention of someone deeply and irresistibly
235. a strain of vi___s *n.* a tiny infectious organic material that causes disease in people, animals, and plants
236. ind_____al freedom *n.* a single person or thing, as distinct from a group
237. ce_____te his election *v.* to acknowledge a memorable or good day or event with a social gathering or enjoyable activity
238. su_____al ability *n.* the state of continuing to exist or live, frequently in the face of difficulty or danger
239. si_____te a future scenario *v.* to make a pretense of someone's behavior or looks; to reproduce something that exists in real life using computers, models, etc., usually for study or training purposes
240. de___e on a course of action *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options

ANSWERS: 230. suspect, 231. disseminate, 232. consequence, 233. eventually, 234. fascinate, 235. virus, 236. individual, 237. celebrate, 238. survival, 239. simulate, 240. decide

241. di_____e prevention *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
242. pos_____ty of a major earthquake *n.* a chance that something may happen or be true
243. co_____il of chemicals *n.* a drink, usually an alcoholic one, made by mixing one or more spirits (= strong alcoholic drinks) and fruit juice; an appetizer served as a first course at a meal
244. official sta_____cs *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
245. de_____p a strategy *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
246. inv_____le support *adj.* extremely useful, important, or valuable; describing something that cannot be measured in terms of monetary or material worth
247. expansion of the un_____se *n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
248. me_____n name *v.* to speak or write about something or someone briefly

ANSWERS: 241. disease, 242. possibility, 243. cocktail, 244. statistics, 245. develop, 246. invaluable, 247. universe, 248. mention

249. el__e athlete

adj. belonging to the wealthiest, most potent, best-educated, or best-trained group in a society

250. im___e from criminal prosecution

adj. protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells

ANSWERS: 249. elite, 250. immune

Session 3: Fill in the Blanks

1. The magic tricks _____ the children.
v. to attract and hold the attention of someone deeply and irresistibly
2. The girl _____ when a young man whistled as she walked by.
v. to become red on your face, especially because you are embarrassed, angry, or hot; to rinse, clean, or empty something, especially a toilet, by causing large quantities of water to flow
3. I _____ to him that I had seen his sister at the grocery store earlier that day.
v. to speak or write about something or someone briefly
4. One of the main _____ of the new product is its increased efficiency.
n. a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has
5. The restaurant _____ a ban on smoking.
v. to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear
6. He is _____ nominated for a Nobel Prize.
adv. according to what is generally assumed or believed without actually knowing for sure
7. She was struggling to make a _____ between two job offers.
n. the act or process of making up someone's mind about something; a choice or judgment reached after considering options

ANSWERS: 1. fascinated, 2. flushed, 3. mentioned, 4. advantages, 5. reversed, 6. supposedly, 7. decision

8. The _____ properties of this herb have been known to help with various ailments.
adj. of or relating to the treatment or cure of disease
9. The automaker has been providing _____ car financing options since last year.
adj. not expensive and able to pay
10. Sensors convert physical phenomena into _____ signals.
adj. processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet
11. 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
12. He did _____ pen-and-ink drawings in just a few days.
adj. involving a lot of different things or parts in a way that is difficult to understand or analyze
13. The detective found the clues _____ and couldn't solve the case immediately.
adj. confusing or difficult to understand; mysterious
14. He walked a road _____ to the railroad.
adj. being everywhere equidistant and not intersecting; of or relating to the simultaneous performance of multiple operations

ANSWERS: 8. medicinal, 9. affordable, 10. digital, 11. algorithm, 12. complicated, 13. puzzling, 14. parallel

15. The systems we have developed has accepted as industry _____.
n. something that is regarded as usual, typical, or standard
16. I plucked some _____ leaves from my garden to brew into a medicinal tea.
n. a plant of the daisy family, with broad, prickly leaves and purple flower heads, typically found in waste ground and often cultivated for its edible root or medicinal purposes
17. The content is _____ and informative for me.
adj. sharply exact or accurate or delimited
18. We elected him to _____ us at the international conference.
v. to speak, act, or be present on behalf of another person or group; to form or constitute
19. The _____ in the road was so sharp that I had to slow down to navigate it safely.
n. a bend or angle in a line or surface that deviates from a straight or flat path; a gradual or smooth change in direction or shape
20. The chemicals _____ a massive health risk.
v. to present a risk, problem, or other issues that must be addressed
21. Proper disposal of _____ is essential for maintaining public health and sanitation.
n. waste matter eliminated from the bowels; excrement
22. I found a stink ____ crawling across the ceiling.
n. any tiny insect; a fault or defect in a computer program, system, or machine

ANSWERS: 15. norms, 16. burdock, 17. precise, 18. represent, 19. curve, 20. pose, 21. feces, 22. bug

23. 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
24. There are several causes of economic _____ within societies.
- n.* the unfairness of a society in which some people have more opportunity, money, etc. than others; (mathematics) relation between two values when they are different
25. This region has many _____ offering higher education.
- n.* an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something
26. 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
27. The theater company had its final _____ before opening night.
- n.* a practice session, usually for a performance or presentation, during which people prepare and fine-tune their performance, often with the help of feedback from others; the act of rehearsing
28. She successfully completed her first _____ with a personal best time.
- n.* a long-distance race of 42.195 kilometers
29. During pregnancy, the stomach generates less _____ than usual.
- n.* sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials

ANSWERS: 23. develop, 24. inequality, 25. institutes, 26. vision, 27. rehearsal, 28. marathon, 29. acid

30. The two plays have many _____ parallels.

adj. attractive and distinctive enough to draw notice; exceedingly appealing, frequently in an odd manner

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

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

32. The _____ is about 13.8 billion years old.

n. everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy

33. The new washing machine is much more _____ than the old one.

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

34. Very few educational _____ go to Oxford or Cambridge.

adj. belonging to the wealthiest, most potent, best-educated, or best-trained group in a society

35. 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

36. Marketing strategies are growing more _____.

adj. having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion

ANSWERS: 30. striking, 31. thesis, 32. universe, 33. efficient, 34. elites, 35. platform, 36. sophisticated

37. Our plan includes a comprehensive marketing _____.
- n.* a detailed plan of action designed to achieve a long-term or overall goal.
38. It's notoriously challenging to _____ birth rates.
- v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
39. Understanding protein folding is a vital step in deciphering the _____ code.
- adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
40. _____ a society is an organism.
- adv.* relating to the essential features or concepts of anything
41. John Whitney was a computer animation _____.
- n.* inventor; explorer; someone who is among the first to achieve something
42. In ancient civilizations, the scarab _____ was worshiped as a sacred creature.
- n.* an insect having a hard shell-like back covering its wings
43. The scientist conducted a study that provided _____ details about the species' behavior.
- adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
44. We invited some friends for a _____ party.
- n.* a drink, usually an alcoholic one, made by mixing one or more spirits (= strong alcoholic drinks) and fruit juice; an appetizer served as a first course at a meal
45. It seems _____ that he has forgotten our scheduled meeting.
- adj.* likely to happen or likely to be true

ANSWERS: 37. strategy, 38. predict, 39. genetic, 40. Essentially, 41. pioneer, 42. beetle, 43. specific, 44. cocktail, 45. probable

46. This consulting firm decided to _____ the two companies into one.

v. to combine or integrate things, or to cause this to happen

47. She poured a glass of her favorite _____ and enjoyed it slowly.

n. an alcoholic beverage that is distilled rather than fermented, such as whiskey or gin; alcohol, in general

48. 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

49. We have a _____ grasp of this topic.

adj. complete and including all or everything necessary

50. An infected person in the hospital will likely pass the _____ to others.

n. a tiny infectious organic material that causes disease in people, animals, and plants

51. The doctor diagnosed him with a rare _____ that had no known cure.

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

52. I always carry a backup _____ in case my phone runs out of battery.

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

53. A balanced _____ is more important for health than supplements.

n. the food and drink that a person, animal, or community eats and drinks regularly; a legislative assembly in certain countries, for example, Japan

ANSWERS: 46. merge, 47. liquor, 48. wisdom, 49. comprehensive, 50. virus, 51. disease, 52. device, 53. diet

54. We will explain the countermeasure concerning this problem _____.
adv. after the time mentioned
55. There was a chemical _____ of the lime with the groundwater.
n. a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others
56. The Chief editor checks all _____ for plagiarism with software.
n. a short piece of writing on a particular topic, usually written by a student as a part of a course of study
57. The doctor prescribed some medicine for the mental _____.
n. an untidy state or a lack of organization; a physical condition or illness that causes problems with how a section of the body or brain functions
58. The rich food and drink were delicious but gave him painful _____ in his toes.
n. a form of arthritis characterized by sudden and severe pain, tenderness, and inflammation in the joints, particularly in the big toe, caused by an accumulation of uric acid in the blood
59. The cops _____ him of being the killer.
v. to consider anything to be actual or probable
60. _____ prevalent in hospitals are often resistant to antibiotics.
n. single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
61. The golfer recorded an _____ distance.
adj. extremely surprising, especially in a way that you like or admire

ANSWERS: 54. afterward, 55. reaction, 56. essays, 57. disorder, 58. gout, 59. suspected, 60. Bacteria, 61. amazing

62. Life expectancy has grown _____ this century.

adv. in a very impressive manner

63. The doctor recommended starting a daily _____ dose to help control blood sugar levels.

n. a prescription medication commonly used to treat type 2 diabetes by helping to control blood sugar levels, which belongs to the class of drugs called biguanides

64. His _____ showed highly positive results.

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

65. Better sleep leads to increased _____.

n. the set of chemical reactions in cells or organisms that are necessary for life-sustaining

66. The doctor warned him that his _____ condition put him at risk for numerous health problems.

adj. excessively overweight, particularly to the point of being a serious health risk; having a body mass index (BMI) of 30 or more

67. After traveling across multiple time zones, I experienced severe _____ and couldn't sleep at night.

n. a feeling of fatigue, disorientation, and other symptoms experienced by a person after traveling across different time zones, typically by air travel

68. 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

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

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

ANSWERS: 62. dramatically, 63. metformin, 64. experiments, 65. metabolism, 66. obese, 67. jetlag, 68. colleague, 69. undergraduate

70. The _____ demonstrate that poverty and unemployment are genuine problems.
- n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
71. As an _____ he had the right to make his own decisions and live his life as he saw fit.
- n.* a single person or thing, as distinct from a group
72. He accumulated wealth across a _____ spectrum of assets.
- adj.* very wide; general
73. Greed is the primary _____ in the making of criminals.
- n.* one of the things used to make something, especially one of the foods used to make a particular dish
74. He is the _____ and chairman of this tech company.
- n.* one of several people who establishes an organization or starts a business
75. Mercury is the closest _____ to the sun.
- n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
76. The company's _____ approach has been highly effective.
- n.* the action or process of changing to suit different conditions
77. It is important to _____ accurate information to the public to prevent false rumors from spreading.
- v.* to spread or distribute widely, especially information or ideas; to scatter or disperse

ANSWERS: 70. statistics, 71. individual, 72. broad, 73. ingredient, 74. cofounder, 75. planet, 76. adaptation, 77. disseminate

78. He _____ the 10th anniversary of his tenure.
- v.* to acknowledge a memorable or good day or event with a social gathering or enjoyable activity
79. This food contains all the _____ your dog requires.
- n.* the substances or the process that organisms take into their bodies as food for their growth and health
80. When performing an organ transplant, it is necessary to test for compatibility between the donor and _____.
- n.* a person who receives something
81. The human _____ contains approximately three billion chemical base pairs.
- n.* the complete set or sequence of genes of a human, animal, plant, or other living things
82. The _____ analysis provided valuable insights into the evolutionary history of the species.
- n.* a specific combination of genetic variations or alleles that are inherited together on the same chromosome from a single parent, which is used to analyze genetic patterns and understand the inheritance of specific traits or diseases
83. These economic activities had disastrous environmental _____.
- n.* the outcome of a particular action or event, especially relative to an individual
84. She couldn't _____ whether to order the pizza or the pasta for dinner.
- v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
85. The _____ of getting the disease will drastically increase.
- n.* a chance that something may happen or be true

ANSWERS: 78. celebrated, 79. nutrition, 80. recipient, 81. genome, 82. haplotype, 83. consequences, 84. decide, 85. possibility

86. We do move forward with those tasks in _____ next week.
- n.* a series of related events, actions, numbers, etc., which have a particular order
87. Even though he knew it was wrong, he _____ on the exam.
- v.* to act dishonestly or unfairly to gain an advantage or to deceive someone; to break the rules or laws
88. Every human is responsible for taking care of the Earth's _____.
- n.* the natural world such as air, water, and land in which humans, animals, and plants live
89. My father was tested for _____.
- n.* a medical condition in which the body cannot produce enough insulin to control the glucose levels in the blood
90. I tried to _____ the efficiency of the investment.
- v.* to make a mathematical calculation
91. The body needs a certain amount of _____ to build and repair tissues.
- n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
92. 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
93. The _____ of the two groups is good for brainstorming.
- n.* the act of connecting with someone, mainly when working, playing, or spending time with them

ANSWERS: 86. sequence, 87. cheated, 88. environment, 89. diabetes, 90. compute, 91. protein, 92. process, 93. interaction

94. They celebrated their 10th _____ with a romantic dinner.
n. the annual recurrence of a date marking a notable event; a date on which an event occurred in a previous year
95. She walked to the _____ to freshen up before the meeting.
n. a bowl-shaped plumbing fixture with a seat for defecation and urination, or a room or building containing one or more of this fixture
96. I want to _____ a toast in honor of our longstanding relationship.
v. to make a proposal, declare a plan for something
97. Infant formulas are nutritionally almost _____ to a mother's breast milk.
adj. being the exact same one
98. The researchers discovered a _____ mutation responsible for the rare developmental disorder.
adj. relating to or caused by a single gene; referring to traits or characteristics determined by a single genetic factor
99. He evaluated his chances for _____ rather pessimistically.
n. the state of continuing to exist or live, frequently in the face of difficulty or danger
100. The statement had a _____ impact on house prices.
adj. very sudden, very excellent, or full of action and excitement
101. Some seaweed was used as _____ medicine in ancient times.
n. people in general, especially those of a particular group or type

ANSWERS: 94. anniversary, 95. toilet, 96. propose, 97. identical, 98. monogenetic, 99. survival, 100. dramatic, 101. folk

102. He had painted the wood to _____ stone.

- v.* to make a pretense of someone's behavior or looks; to reproduce something that exists in real life using computers, models, etc., usually for study or training purposes

103. This pharmaceutical company is developing _____ drugs with fewer side effects.

- n.* a substance produced in the blood that attacks and kills harmful bacteria, viruses, etc., to fight disease

104. I need to send this email _____.

- adv.* in a way that requires immediate action or attention, especially before anything else, because of being very important

105. The national assembly has _____ the budget.

- v.* to choose to follow something; to legally take a child from another family and care for them as if they were one's own

106. My remote _____ immigrated to the United States from Ireland in the 1800s.

- n.* a person from whom one is descended; a forefather

107. The corporation _____ dominated the entire tobacco business.

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

108. Setting a realistic and _____ goal is the key to success.

- adj.* possible to accomplish or attain

109. The advice given by my mentor was _____ in my career.

- adj.* extremely useful, important, or valuable; describing something that cannot be measured in terms of monetary or material worth

ANSWERS: 102. simulate, 103. antibody, 104. urgently, 105. adopted, 106. ancestor, 107. eventually, 108. achievable, 109. invaluable

110. The doctor injected _____ into his patient's veins.

- n.* a type of sugar that is found in plants, especially fruit, and is an essential energy source in living things

111. Breast _____ is the most common type of cancer in women.

- n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells

112. 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

113. We must enter a six-_____ number to unlock the safe.

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

114. She struggled to _____ the word in a foreign language.

- v.* to say or speak (a word or words) correctly or in a particular way

115. They study the _____ of the universe.

- n.* a gradual process of transformation of living things

116. He is a specialist in the _____ of aging.

- n.* the branch of biology that studies genes, genetic variation, and heredity in organisms

117. There was a disturbance of _____ function.

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

ANSWERS: 110. glucose, 111. cancer, 112. integrate, 113. digit, 114. pronounce, 115. evolution, 116. genetics, 117. neural

118. The plane flew at a high _____ to avoid turbulence.

n. the height of an object or point in relation to sea level or ground level

119. There was no _____ of a problem.

n. an indirect suggestion; a slight but appreciable amount of something

120. The vaccination does not necessarily make you completely _____.

adj. protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells

121. _____ in the design could cause much worse issues.

n. an imperfection, shortcoming, or lack of something or someone

122. The _____ to the safe was a secret.

n. a collection of things that have been combined; an assemblage of separate parts or qualities

123. Its _____ brothers are difficult to tell apart except for their parents.

n. either of two children born at the same time from the same mother

124. They collected a _____ specimen for urinalysis.

n. a liquid by-product of metabolism in humans and in many other animals that are released from the body when you urinate

125. I left my alpha _____ at home, so I had to borrow one from a classmate to finish my math homework.

n. a small electronic device for making arithmetic calculations

ANSWERS: 118. altitude, 119. hint, 120. immune, 121. Defects, 122. combination, 123. twin, 124. urine, 125. calculator