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Lisa Harouni: A primer on 3D printing | TED Talk

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All Words

IMPORTANT

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Session 1: Word List

download

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

synonym: load, save, transfer

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

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

tweak

v. to pinch or squeeze something sharply; to adjust something finely

synonym: nip, pinch, fine-tune

(1) **tweak** his cheek, (2) **tweak** the economy

He didn't **tweak** the plan, even though he had time.

personalize

v. to make something or an experience specific to an individual or group, often through adding personal details or tailoring it to their preferences or needs; to add personal details or information to something

synonym: customize, individualize, tailor

(1) **personalize** social media profile, (2) **personalize** my workspace

I like to **personalize** my phone case with a picture of my dog.

preference

n. a stronger liking or interest for something or someone than another thing or person

synonym: taste, choice, affection

(1) his meal **preferences**, (2) a particular **preference** for Chinese art

Her **preference** is comfortable clothing over fashionable ones.

desktop

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

synonym: computer, workstation, PC

(1) **desktop** software, (2) **desktop** wallpaper

I need to upgrade my **desktop** computer since it's become quite slow.

fabricate

v. to make something, especially by assembling parts or constructing it from raw materials; to invent and present something false as true or real to deceive someone

synonym: manufacture, assemble, falsify

(1) **fabricate** a chemical, (2) **fabricate** an excuse

The detective discovered that the witness had **fabricated** her story about the crime.

spot

n. a particular location or place; a small round or roundish area, differing in color or feels from the surface around it

synonym: dot, mark, place

(1) beauty **spot**, (2) a **spot** on his honor

This remote **spot** is rarely visited.

emerging

adj. starting to exist, mature, or become well-known

synonym: arising, occurring, state-of-the-art

(1) **emerging** country, (2) **emerging** technologies

Emerging technologies have dramatically improved productivity in various industries.

additive

n. a substance added to something in small amounts, especially food, to improve or preserve it

synonym : preservative, supplement

(1) food **additive**, (2) deleterious chemical **additives**

The gasoline **additive** had leaked from the container.

manufacture

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

synonym : create, fabricate, assemble

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

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

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.

filter

n. any of several types of equipment or systems used to separate particles from liquids or gases or to remove specific forms of light

synonym : strainer

(1) gas **filter**, (2) clogged **filter**

Ozone is a primary **filter** to protect Earth's surface from harmful UV rays.

arena

n. a large, flat area, often circular or oval-shaped, designed to showcase theatre, musical performances, or sporting events

synonym : stadium, theatre, auditorium

(1) indoor **arena**, (2) political **arena**

The company is planning to build a 20,000-seat **arena** with a retractable roof.

typical

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

synonym : characteristic, usual, distinctive

(1) **typical** leader, (2) fairly **typical** symptoms
This artwork is **typical** of her work.

geometric

adj. relating to or having the characteristics of geometry (= the shape, properties, and relations of points, lines, surfaces, solids)

synonym: mathematical, symmetrical, regular

(1) a **geometric** proof, (2) **geometric** pattern

The **geometric** shapes and patterns in the artwork are visually stunning.

representation

n. the act of speaking, acting, or being present on behalf of someone officially; a statement of facts and reasons made in appealing or protesting

synonym: delegacy, manifestation, expression

(1) sales **representation**, (2) binary **representation**

A person who has been declared incompetent should have legal **representation**.

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.

layer

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

synonym: stratum, sheet, coating

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

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

assemble

v. to collect in one place as a single group

synonym: gather, congregate, collect

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

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

inefficient

adj. lacking the ability or skill and not making the best use of time, money, energy, etc.

synonym: ineffective, counterproductive, inadequate

(1) **inefficient** use, (2) **inefficient** management

The system is still so **inefficient** that it is useless.

inaccessible

adj. unable to travel to or reach; not available

synonym: inapproachable, unreachable, remote

(1) **inaccessible** to an unauthorized user, (2) **inaccessible** areas

Heavy snow made it **inaccessible** to go to the mountain village.

barrier

n. a fence or other obstruction that makes it hard to move or get in; any condition that makes it difficult to make progress or to achieve an objective

synonym: border, barricade, fence

(1) cost **barrier**, (2) information **barrier**

The police placed a **barrier** across the street to halt traffic.

disrupt

v. to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance

synonym: interrupt, disturb, break into

(1) **disrupt** a well-ordered condition, (2) **disrupt** sleep

I'm so sorry to **disrupt** you when you're pretty busy.

landscape

n. an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance

synonym: geography, terrain, topography

(1) a peaceful **landscape**, (2) **landscape** painting
Recent electoral shocks have shaken the political **landscape** in Europe.

professional

adj. having or showing the skill appropriate to a particular job; competent or skillful

synonym: skilled, competent, accomplished

(1) **professional** athlete, (2) certified **professional** secretary

He has a **professional** demeanor and always presents himself in a polished manner.

engineer

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

synonym: architect, creator, builder

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

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

architect

n. a person whose job is to design plans to be used in making something, such as buildings

synonym: creator, designer, planner

(1) landscape **architect**, (2) **architect** of the peace accord

The building **architect** tried to build the house above the tree.

slice

n. a flat, often thin, piece of bread, meat, cheese, etc., that has been cut from a larger piece; a wound made by cutting

synonym: piece, portion, slit

(1) a **slice** of the company's revenue, (2) **slice** a tomato thin

The children complained because one **slice** of cake was slightly larger than the other.

dimension

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

synonym: extent, measurement, size

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

Overall **dimensions** are approximately 400x200mm.

salami

n. a type of cured meat, typically made from beef or pork and sliced thinly for use in sandwiches or as an appetizer

synonym : sausage, deli meat

(1) sliced **salami**, (2) garlic **salami**

I always add **salami** to my pizza toppings for extra flavor.

passee

adj. no longer fashionable or current; outdated; considered to be old-fashioned or out of date

synonym : outdated, old-fashioned, antique

(1) **passee** entertainment, (2) **passee** trend

Bell-bottom jeans, once considered **passee** fashion, have made a surprising comeback in recent years.

deposit

n. a sum of money or materials placed or kept in a bank, safety deposit box, or other secure places for safekeeping; a layer of rock, sand, or other material left behind by a flowing liquid or eroding force

synonym : bank, installment, sedimentation

(1) **deposit** money, (2) **deposit** accumulation

I made a **deposit** at the bank to add money to my account.

infuse

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

synonym : instill, fill, permeate

(1) **infuse** with spirit, (2) **infuse** life with meaning

She **infused** fresh herbs into the soup for added flavor.

liquid

n. a substance, such as water or oil that flows freely and is neither a solid nor a gas

synonym : fluid

(1) colorless **liquid**, (2) hazardous **liquid**

The sponge takes up the **liquid** well.

powder

n. a dry and fine substance that consists of very small, loose particles

synonym : dust, crumb, grain

(1) **powder** additive, (2) curry **powder**

She used a **powder** brush to apply her foundation evenly.

bond

n. a close emotional connection between two or more people; a certificate of debt that a government or corporation issues to raise money

synonym : bind, adhesion, attachment

(1) **bond** as a family, (2) global **bond** market

They had formed a friendship **bond**.

melt

v. to turn from something solid into something soft or liquid as a result of heating

synonym : disintegrate, soften, disappear

(1) **melt** the ice, (2) **melt** down gold

Her resistance **melted** under his persuasion.

laser

n. a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification

synonym : beam, bar, ray

(1) **laser** printer, (2) pulse **laser**

The company holds patents on core components of **laser** jet printers.

sinter

v. to compact or fuse together powdered material, often through the application of heat, without melting it completely, often used in industrial processes to create solid objects or improve the properties of materials

synonym : fuse, weld, meld

(1) **sinter** iron ore fines, (2) **sinter** ceramics at a higher temperature

The metal particles began to **sinter** under high heat, forming a solid structure.

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.

fuse

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

synonym: (*verb*) melt, (*verb*) blend

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

He has a short **fuse**.

extraordinary

adj. exceptional, unexpected, very unusual; surpassing the ordinary or usual

synonym: exceptional, noteworthy, astonishing

(1) **extraordinary** ability, (2) **extraordinary** weather

He narrated the **extraordinary** story of his adventure.

stainless

adj. resistant to staining or discoloration; not affected or damaged by contact with dirt, water, or other substances; clean and hygienic

synonym: unblemished, immaculate, spotless

(1) **stainless** hardware, (2) **stainless** sink

The kitchen appliances were all **stainless** steel, making the space modern and sleek.

spinal

adj. of or relating to the spine (= the long bone in the body's back)

(1) **spinal** injury, (2) brain and **spinal** cord

The surgeon carefully confirmed how to remove the tumor to avoid damaging the **spinal** nerves.

implant

v. to insert or fix an artificial device in a person's body; to put an idea, attitude, etc., firmly in the mind

synonym : insert, fix, place

(1) **implant** genes in the animals, (2) **implant** into the uterus

The doctor will **implant** a pacemaker to regulate his heart rate.

medical

adj. relating to the treatment of illness or injuries; relating to the practice of medicine

synonym : health, disease, treatment

(1) a **medical** opinion, (2) temporary **medical** treatment

The **medical** team worked quickly to save the patient's life.

grade

n. a particular level of quality, size, importance, etc.

synonym : score, rate, degree

(1) boys in the twelfth **grade**, (2) students at all **grade** levels

Departments may set requirements for a higher **grade** point average.

titanic

adj. of or having a great size, power, or influence; of or relating to Titanium (= a light, strong grey, lustrous, corrosion-resistant metallic element)

synonym : colossal, massive, immense

(1) **titanic** battle, (2) **titanic** compound

The **titanic** ship sank on its maiden voyage.

engine

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

synonym : motor, locomotive, driver

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

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

intricate

adj. having many different parts and small details that all work together

synonym : complicated, convoluted, complex

(1) **intricate** details, (2) **intricate** lacework

The politician managed to deal with that **intricate** issue.

structure

n. the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts

synonym: construction, architecture, establishment

(1) the **structure** of a machine, (2) **structure** and function of the brain

The organizational **structure** of start-ups is often flat and straightforward.

moving

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

synonym: emotional, poignant, touching

(1) **moving** experience, (2) **moving** ceremony

His **moving** speech about his struggles with addiction brought tears to the audience's eyes.

component

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

synonym: element, part, factor

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

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

hinge

n. a joint that holds the edge of a door, window, lid, etc. and allows it to open or close

synonym: joint, pivot

(1) a stiff **hinge**, (2) insecure **hinge**

His involvement is the **hinge** of our plan.

abolish

v. to do away with completely; to put an end to

synonym: cancel, repeal, annul

(1) **abolish** slavery, (2) **abolish** censorship

The government voted to **abolish** the outdated law.

manual

adj. done by hand rather than by machine; (noun) a book of instructions, especially for operating a machine or learning a subject

synonym : by hand, (noun) handbook, (noun) tutorial

(1) car with **manual** transmissions, (2) look at the **manual**
This machine cuts metal by **manual** control.

labor

n. productive work, especially physical work done for wages; the people who do manual or physical work in a country or company for wage; (verb) to work hard or to strive and make an effort to reach a goal

synonym : toil, toil, donkeywork

(1) seasonal **labor**, (2) manual **labor**

In several countries, child **labor** is a serious social problem.

meter

n. a device used to measure the amount of a particular substance or attribute, such as length, volume, or time; (prosody) the accent in a metrical foot of verse

synonym : gauge, indicator, rhythm

(1) a gas **meter**, (2) poetic **meter**

The **meter** on the wall showed that the room was three meters long.

artificial

adj. not natural and made by human beings; not real but produced to resemble something

synonym : synthetic, man-made, manufactured

(1) **artificial** flowers, (2) **artificial** environment

The **artificial** intelligence system has revolutionized the way we live and work.

sandstone

n. a type of rock composed mainly of sand-sized grains of mineral or rock fragments

synonym : arenite

(1) lithic **sandstone**, (2) **sandstone** building

The **sandstone** cliffs along the coast are a natural wonder.

architectural

adj. of or relating to the design and construction of buildings and other structures and the features and style of such structures

synonym : structural, building, constructive

(1) study **architectural** engineering, (2) beautiful **architectural** landmarks

The **architectural** style of the building was a mix of modern and traditional.

firm

adj. resolute or unwavering in decision-making or action; strong or secure in structure, make, or composition; reliable, trustworthy, or dependable; (noun) a business or company

synonym : stable, secure, steadfast

(1) **firm** grip, (2) accounting **firm**

The **firm** deadline for submitting the project is tomorrow, so we need to work efficiently to finish on time.

spectrum

n. an ordered array of colors into which a light beam can be split

synonym : range, scale, spread

(1) a broad **spectrum** of opinion, (2) infrared **spectrum**

This device displayed the speech **spectrum** spectrographically.

micron

n. a unit of measurement equal to one-millionth of a meter, used for measuring the size of particles and microorganisms

synonym : micrometer

(1) **micron** measurements, (2) **micron** imaging

The width of a single human hair is around 100 **microns**.

resolution

n. a firm decision or determination to do or not do something; the action of solving a problem, dispute, or conflict; the quality of being resolved or determined; the clarity and sharpness of an image or display

synonym : determination, decision, settlement

(1) **resolution** of a conflict, (2) display **resolution**

He made a New Year's **resolution** to exercise more and eat healthier.

incredible

adj. unbelievable; enormous

synonym: unbelievable, fantastical, inconceivable

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

Her response revealed **incredible** idiocy.

prototype

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

synonym: mock-up, precursor, model

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

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

reiterate

v. to repeat something, typically for emphasis or clarity; to say or do something again and again

synonym: repeat, iterate, restate

(1) **reiterate** a point, (2) **reiterate** their commitment

I need to **reiterate** the importance of submitting your report by the deadline.

bespeak

v. to suggest or indicate something; to request something in advance; to suggest or indicate a particular quality or characteristic

synonym: indicate, imply, suggest

(1) **bespeak** elegance, (2) **bespeak** good manners

Your outfit **bespeaks** confidence and professionalism.

mass

n. a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together

synonym: abundance, crowd, mob

(1) a **mass** of molten rock, (2) critical **mass**

The **mass** of people who do not own property is politically impotent.

economy

n. the system by which a country or region produces, manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel

synonym: finance, trade, business

(1) **economy** of scale, (2) **economy** class

The **economy** of the country is struggling due to the recent political instability.

foster

v. to promote growth; to take care of another person's child, usually for a limited time, without becoming their legal parents

synonym: nurture, nourish, cultivate

(1) **foster** a better relationship, (2) **foster** two kids

The pastor contributed to **fostering** the sense of a community embracing all classes.

constraint

n. a limit or restriction on something, such as an action, behavior, or thought

synonym: limitation, restriction, bound

(1) **constraint** on business activity, (2) strict time

constraints

The budget **constraint** forced them to make difficult decisions.

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.

technique

n. a particular way or art of doing something that needs skill

synonym:

approach, procedure, strategy

(1) a **technique** in martial arts, (2) the **technique** applied to construction

Jockey's superior **technique** brought him victory.

manually

adv. by the use of physical effort or human labor; not automatically or mechanically; by hand

synonym: by hand, physically

(1) **manually** operated, (2) **manually** input

The data was **manually** entered into the system by the employee.

cavity

n. an empty space or hollowness within a solid object, especially within the body, such as a tooth or bone; a hole or depression in a surface or the ground

synonym: hollows, holes, indenture

(1) tooth **cavity**, (2) **cavity** filling

I have a **cavity** in one of my molars and must schedule a dentist appointment.

fluid

n. a substance that can flow and is not solid

synonym: liquid, aqua, sap

(1) plenty of **fluids**, (2) **fluid** assets

She was diagnosed with a **fluid** buildup in her lungs.

aerospace

adj. pertaining to the design, engineering, science, and technology related to the Earth's atmosphere and the exploration or use of space beyond it

synonym: aeronautical, space, aviation

(1) **aerospace** engineering, (2) **aerospace** and defense industry

NASA is an **aerospace** organization that explores space and improves aviation technology.

automotive

adj. of or relating to motor vehicles

synonym: self-propelling

(1) **automotive** manufacturing, (2) an **automotive** transport company

Our company is an **automotive** component supplier to motor manufacturers.

efficiency

n. the state or quality of doing something well with no waste of input such as time or money

synonym : effectiveness, efficacy, productivity

(1) better fuel **efficiency**, (2) an energy **efficiency**

Our company must continue to strive for greater **efficiency**.

excess

n. an amount or quantity beyond what is acceptable, expected, or reasonable

synonym : exuberance, glut, surplus

(1) lose **excess** weight, (2) an **excess** of exports

The road of **excess** leads to the palace of wisdom.

honeycomb

n. a structure of hexagonal cells made of wax by bees as a place to store honey and to rear their young

synonym : hexagonal, beehive, lattice

(1) **honeycomb** lattice, (2) **honeycomb** pattern

The beehive was made of an intricate **honeycomb** pattern.

porous

adj. having many small holes and being able to absorb or pass through fluids

synonym : permeable, spongy, absorbent

(1) **porous** materials, (2) **porous** membrane

Our unfenced and largely unpoliced border inevitably has been very **porous** for insurgents.

tissue

n. an ensemble of similar cells of the animal or plant that together carry out a specific function

synonym : structure, texture, anatomy

(1) a facial **tissue**, (2) loss of muscle **tissue**

The researcher separated the nervous **tissue** for microscopic examinations.

rejection

n. the act of refusing to accept, use, or consider someone or something; in medicine, an immunological response that refuses to accept substances or organisms that are recognized as foreign

synonym : refusal, denial, repudiation

(1) transplant **rejection**, (2) **rejection** by community

His proposals were met with **rejection**.

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.

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.

fantastic

adj. extremely good; excellent

synonym : incredible, unbelievable, marvelous

(1) a **fantastic** dress, (2) absolutely **fantastic** event

The new amusement park ride was **fantastic**, with twists, turns, and drops that left riders screaming with excitement.

improvisation

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

synonym : spontaneity, ad-lib, extemporization

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

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

beg

v. to ask for something urgently or earnestly; to appeal to someone to do something

synonym : plead, implore, entreat

(1) **beg** the question, (2) **beg** for help
She **begged** her parents to let her go to the concert.

software

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

synonym: program, system, operating system

(1) **software** architect, (2) copyrighted **software**
The company specializes in both hardware and **software**.

tip

n. the top or extreme point of something slender or tapering, usually a mountain or hill; a piece of advice about something practical; a small amount of money given for services

synonym: edge, advice, gratuity

(1) the **tip** of a paintbrush, (2) give the waiter a **tip** .
I will introduce some **tips** on learning English in this class.

revolution

n. a large-scale attempt to overthrow the government of a country, often using violence or war;

synonym: coup, innovation, rebellion

(1) beginning of the industrial **revolution**, (2) a political **revolution**

The **revolution** by the citizen resulted in a redistribution of wealth.

whistle

v. to make a high-pitched sound by forcing breath through a small opening, usually with the lips or fingers; (noun) a piece of equipment that forces air or steam against an edge or into a cavity and so produces a loud shrill sound

synonym: sound, honk, tweet

(1) **whistle** a tune, (2) **whistle** for help

The employee decided to **whistle-blow** on the company's illegal activities.

squeeze

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

fondness

synonym: compress, crush, clamp

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

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

scratch

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

synonym: claw, rub, scrape

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

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

spare

adj. additional to what is necessary for ordinary use; (verb) to give time, money, space, etc. to someone

synonym: extra, excess, (verb) afford

(1) **spare** parts, (2) **spare** cost

I made plans to spend my **spare** time beneficially.

discontinue

v. to cease or stop doing something; to interrupt or terminate something that is already ongoing or in progress

synonym: halt, end, cease

(1) **discontinue** a service, (2) **discontinue** a project

The company has decided to **discontinue** the production of its unpopular product line.

database

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

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

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

geometry

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

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

The mathematician pioneered fractal **geometry**.

literally

adv. in the real or original meaning of a word or phrase; in a literal sense or way; not figuratively

synonym : actually, truly, verily

(1) translate **literally**, (2) bite his tongue **literally**

He **literally** jumped out of his chair when he heard the news.

unique

adj. being the only one of its kind; unlike anything else

synonym : one-of-a-kind, unparalleled, incomparable

(1) a **unique** teacher, (2) **unique** design

The painting is **unique**, and there is no other like it.

injection

n. the act of introducing a liquid, especially a drug, into the body using a needle and a syringe

synonym : shot, infusion, dose

(1) fuel **injection**, (2) **injection** needle

He received an **injection** of antibiotics to treat his infection.

mold

n. a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long

synonym : cavity, cast, mildew

(1) a casting **mold**, (2) **mold** allergy

Mushrooms and **mold** are fungi.

physically

adv. in a way related to a person's body or appearance rather than their mind

(1) **physically** and mentally, (2) stay **physically** fit

Having a **physically** healthy physique is essential for a great life.

generation

n. all the people born and living at about the same time, regarded collectively; the production of heat or electricity

synonym : cohort, age group, era

(1) **generation** gap, (2) the **generation** of electricity

The younger **generation** has different values and beliefs than

the older one.

brand

n. a type of product, service, etc., made by a particular company and sold under a specific name; identification mark on the skin of livestock, criminals, etc., made by burning

synonym: trademark, label, symbol

(1) create a **brand** logo, (2) the **brand** of the new car
There's a new **brand** of hero in the movies now.

interact

v. to communicate or react with somebody

synonym: cooperate, combine, collaborate

(1) **interact** directly with customers, (2) **interact** with one another

He should **interact** more with his colleagues.

basis

n. the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged

synonym: foundation, base, ground

(1) on an equal **basis**, (2) **basis** for calculation

This evidence will form the **basis** for our discussion.

ray

n. a narrow line of light, heat, or another form of energy

synonym: beam, light, glimmer

(1) opaque to X- **rays**, (2) effect of cosmic **rays**

Gamma **rays** penetrate body tissues and cause cell damage.

ban

v. to officially or legally forbid or refuse to allow something

synonym: forbid, prohibit, restrict

(1) **ban** gender-related job discrimination, (2) **ban** any type of cloning

We should **ban** mildly violent video games from a child's development perspective.

variant

n. something that is slightly different from others of the same type

synonym : variation, modification, variance

(1) **variant** types of pigeon, (2) a **variant** of the same word
The first **variant** of the virus appeared in less than a month.

variation

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

synonym : fluctuation, change, variance

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

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

influence

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

synonym : power, leverage, effect

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

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

manipulate

v. to influence or control something or someone to your advantage, often in an unfair or dishonest way

synonym : control, exploit, abuse

(1) **manipulate** figures, (2) vulnerable to **manipulate**

Please tell me how to **manipulate** this computer.

jewelry

n. decorative ornaments made of precious metals, gemstones, or other materials, worn as personal adornment, which can include items such as necklaces, bracelets, rings, earrings, and brooches

synonym : accessories, ornaments, adornments

(1) **jewelry** designer, (2) precious **jewelry**

I received a beautiful piece of **jewelry** from my partner for our anniversary.

engage

v. to attract and keep someone's attention and interest; to participate in or obtain services of something

synonym : confront, employ, amuse

(1) **engage** in environmental protection activities,

(2) **engage** a new employee

Many multinational companies are **engaged** in the reconstruction of that country.

attribute

v. to say or regard that something is the result of a particular thing; (noun) a quality or feature that someone or something possesses;

synonym: ascribe, blame, (noun) feature

(1) **attribute** the change to their marriage, (2) **attribute** directly to sales

He **attributes** the disappointing results to the economic downturn.

iterate

v. to repeat or do something again, often to make improvements or correct errors; to go over or revisit something repeatedly; to restate or emphasize a point or idea

synonym: repeat, reiterate, echo

(1) **iterate** results, (2) **iterate** an experiment

We need to **iterate** on this design to improve its functionality.

boundary

n. a real or imaginary line that marks the limit or extent of something and separates it from other things or places

synonym: border, frontier, limitation

(1) geographical **boundary**, (2) the **boundary** between reality and fantasy

He wandered the **boundary** between life and death by gunfire.

obvious

adj. easy to see, discover or understand

synonym: apparent, conspicuous, evident

(1) **obvious** reasons, (2) his conclusion was **obvious**

There are **obvious** differences between the two wine-producing regions.

bound

v. to move forward by leaps and bounds; to form the boundary of something

synonym : jump, bounce, leap

(1) **bounded** with delight, (2) **bound** up a staircase
Canada **bounds** on the United States.

convert

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

synonym : alter, remake, transform

(1) **convert** fat into energy, (2) **convert** base 10 to base 16
I want to **convert** my sadness into strength.

immediate

adj. happening or done without delay or occurring shortly after something else

synonym : prompt, quick, instantaneous

(1) take **immediate** effect, (2) the **immediate** past
Both forts were subject to **immediate** attacks.

carbon

n. a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals

(1) **carbon** dioxide, (2) **carbon** emission

Trees absorb **carbon** dioxide and give off oxygen.

footprint

n. a mark of a foot, shoe, or animal's foot left on a surface

synonym : footmark, imprint, impression

(1) **footprints** in the snow, (2) the **footprints** of an earlier civilization

We choose transportation that has a smaller carbon **footprint**.

electronics

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

synonym : technology, gadgets, circuitry

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

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

insert

v. to put something inside something else

synonym : introduce, add, embed

(1) **insert** coin, (2) **insert** a graphic

She **inserted** a new chapter into her manuscript.

necessarily

adv. in an essential manner; in such a way as could not be otherwise

synonym : inevitable, certainly, automatically

(1) not **necessarily** a problem, (2) **necessarily** true

This accident was something that happened **necessarily**.

aesthetic

adj. connected with the enjoyment or study of beauty

synonym : beautiful, artistic, esthetic

(1) **aesthetic** value, (2) **aesthetic** feeling

My **aesthetic** standards are quite different from hers.

functional

adj. designed for or capable of a particular activity, purpose, or task; practical or ready for use or service

synonym : applicable, practical, usable

(1) field of **functional** medicine, (2) **functional** deafness

The mobile phone was still **functional** even after being dropped.

scan

v. to examine something hastily, with the eyes or with a machine, to get information

synonym : look over, scrutinize, browse

(1) **scan** the face of the man, (2) **scan** a document into PDF

She stood on the podium and **scanned** an audience.

prosthetic

adj. of or relating to an artificial part of the body, such as a limb, a heart, or a breast implant

(1) have **prosthetic** arms, (2) **prosthetic** limbs

New **prosthetic** joints are less prone to metal poisoning.

specialized

adj. possessing or relating to specific knowledge or skills that are unique to a particular field or task; designed or intended for a particular purpose or function

synonym: technical, expert, skilled

(1) **specialized** knowledge, (2) **specialized** equipment

The hospital has many **specialized** departments, including cardiology and oncology.

handicap

n. a physical or mental condition that limits a person's movements, senses, or activities

synonym: disability, impairment, limitation

(1) **handicap** parking space, (2) mental **handicap**

The athlete overcame his physical **handicap** to become a world champion.

dental

adj. of or relating to teeth

synonym: oral, tooth, mouth

(1) **dental** hygiene, (2) **dental** care

I have a **dental** appointment at 2 pm to get my teeth cleaned.

dentist

n. a person who is qualified and licensed to treat people's teeth

synonym: oral surgeon, orthodontist, periodontist

(1) a **dentist's** office, (2) consult a **dentist**

I am going to the family **dentist** to get my teeth cleaned.

lung

n. either of the two organs in the chest that people and some animals use for breathing

(1) **lung** capacity, (2) do **lung** transplantation

He has terminal **lung** cancer.

bronchus

n. (in the plural, "bronchi") either of the two main branches of the trachea that lead to the lungs and distribute air to the bronchioles and alveoli

synonym: bronchi, airway, tube

(1) left **bronchus**, (2) **bronchus** wall

Smoking damages the **bronchus** and increases the risk of lung cancer.

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.

intricately

adv. in a manner that involves a lot of detailed and complex arrangement or planning; with many interconnected parts or components

synonym : complexly, elaborately

(1) **intricately** woven, (2) **intricately** decorated

The watch was **intricately** designed, with many small moving parts.

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**.

industrious

adj. hardworking, diligent, and persistent in effort

synonym : diligent, hardworking, assiduous

(1) **industrious** worker, (2) **industrious** student

He was known to be very **industrious** and would often work late into the night.

bladder

n. a hollow, flexible sac-like organ in the body that stores and expels fluids, such as urine or bile

synonym : vesica, cyst, sac

(1) **bladder** infection, (2) swollen **bladder**

Drinking too much coffee can irritate the **bladder** and cause frequent urination.

valve

n. a device for controlling the flow of a fluid or gas through a pipe or duct by means of a movable part that opens,

closes, or restricts the opening

synonym : tap, spigot, faucet

(1) electromagnetic **valve**, (2) **valve** control

The **valve** on the pipeline was leaking, so maintenance had to shut it off to make repairs.

kidney

n. either of a pair of small organs in the body that filter waste products, especially urea, from the blood and excrete them and water in urine

(1) an artificial **kidney**, (2) chronic **kidney** disease

The surgeon removed the healthy **kidney** from the donor.

progression

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

synonym : advancement, development, evolution

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

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

fin

n. a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance

synonym : flipper, appendage, stabilizer

(1) back **fin**, (2) a **fin** of a plane

The shark's powerful **fins** allowed it to swim at high speeds.

doubt

n. a feeling of being uncertain about something, especially about how good or accurate it is

synonym : distrust, suspect, mistrust

(1) dispel **doubts**, (2) no **doubt** about the news

Doubt is the start, not the end, of intelligence.

Session 2: Spelling

1. gen_____on gap *n.* all the people born and living at about the same time, regarded collectively; the production of heat or electricity
2. no do__t about the news *n.* a feeling of being uncertain about something, especially about how good or accurate it is
3. colorless li____d *n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas
4. on an equal ba__s *n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged
5. ab____h slavery *v.* to do away with completely; to put an end to
6. nec_____ly true *adv.* in an essential manner; in such a way as could not be otherwise
7. po____s materials *adj.* having many small holes and being able to absorb or pass through fluids
8. geographical bo____ry *n.* a real or imaginary line that marks the limit or extent of something and separates it from other things or places
9. ind_____us student *adj.* hardworking, diligent, and persistent in effort
10. a f_n of a plane *n.* a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance

ANSWERS: 1. generation, 2. doubt, 3. liquid, 4. basis, 5. abolish, 6. necessarily, 7. porous, 8. boundary, 9. industrious, 10. fin

11. look at the ma___l *adj.* done by hand rather than by machine; (noun) a book of instructions, especially for operating a machine or learning a subject
12. ho_____mb lattice *n.* a structure of hexagonal cells made of wax by bees as a place to store honey and to rear their young
13. en___e a new employee *v.* to attract and keep someone's attention and interest; to participate in or obtain services of something
14. infrared sp_____um *n.* an ordered array of colors into which a light beam can be split
15. in___t coin *v.* to put something inside something else
16. sl___e a tomato thin *n.* a flat, often thin, piece of bread, meat, cheese, etc., that has been cut from a larger piece; a wound made by cutting
17. st_____ss hardware *adj.* resistant to staining or discoloration; not affected or damaged by contact with dirt, water, or other substances; clean and hygienic
18. stay phy_____ly fit *adv.* in a way related to a person's body or appearance rather than their mind
19. left br_____us *n.* (in the plural, "bronchi") either of the two main branches of the trachea that lead to the lungs and distribute air to the bronchioles and alveoli
20. co_____t fat into energy *v.* to have a talk with someone; (adjective) reversed in order, relation, or action
21. ma_____ly input *adv.* by the use of physical effort or human labor; not automatically or mechanically; by hand

ANSWERS: 11. manual, 12. honeycomb, 13. engage, 14. spectrum, 15. insert, 16. slice, 17. stainless, 18. physically, 19. bronchus, 20. convert, 21. manually

22. in_____te details *adj.* having many different parts and small details that all work together
23. a me_____l opinion *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
24. 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
25. in____t a graphic *v.* to put something inside something else
26. 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
27. the t_p of a paintbrush *n.* the top or extreme point of something slender or tapering, usually a mountain or hill; a piece of advice about something practical; a small amount of money given for services
28. spherical ge_____ry *n.* the area of pure mathematics that deals with the points, lines, curves, and surfaces
29. spe_____ed knowledge *adj.* possessing or relating to specific knowledge or skills that are unique to a particular field or task; designed or intended for a particular purpose or function

ANSWERS: 22. intricate, 23. medical, 24. simulate, 25. insert, 26. efficient, 27. tip, 28. geometry, 29. specialized

30. mo___g ceremony *adj.* causing strong emotions or feelings, especially sadness or sympathy
31. la__r of paint *n.* a sheet, quantity, or thickness of the material, typically one of several, covering a surface or body; a level or part within a system or set of ideas
32. fo_____nts in the snow *n.* a mark of a foot, shoe, or animal's foot left on a surface
33. an artificial ki___y *n.* either of a pair of small organs in the body that filter waste products, especially urea, from the blood and excrete them and water in urine
34. translate li_____ly *adv.* in the real or original meaning of a word or phrase; in a literal sense or way; not figuratively
35. 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
36. information ba_____r *n.* a fence or other obstruction that makes it hard to move or get in; any condition that makes it difficult to make progress or to achieve an objective
37. transplant re_____on *n.* the act of refusing to accept, use, or consider someone or something; in medicine, an immunological response that refuses to accept substances or organisms that are recognized as foreign

ANSWERS: 30. moving, 31. layer, 32. footprint, 33. kidney, 34. literally, 35. process, 36. barrier, 37. rejection

38. va__e control *n.* a device for controlling the flow of a fluid or gas through a pipe or duct by means of a movable part that opens, closes, or restricts the opening
39. do l__g transplantation *n.* either of the two organs in the chest that people and some animals use for breathing
40. ae_____ce and defense industry *adj.* pertaining to the design, engineering, science, and technology related to the Earth's atmosphere and the exploration or use of space beyond it
41. fuel in_____on *n.* the act of introducing a liquid, especially a drug, into the body using a needle and a syringe
42. sp___l injury *adj.* of or relating to the spine (= the long bone in the body's back)
43. ti_____c battle *adj.* of or having a great size, power, or influence; of or relating to Titanium (= a light, strong grey, lustrous, corrosion-resistant metallic element)
44. in_____te lacework *adj.* having many different parts and small details that all work together
45. f__e blows *n.* a small part in an electrical device or machinery that can interrupt the flow of electrical current when it is overloaded; (verb) to become plastic or fluid or liquefied from heat
46. deleterious chemical ad_____ves *n.* a substance added to something in small amounts, especially food, to improve or preserve it

ANSWERS: 38. valve, 39. lung, 40. aerospace, 41. injection, 42. spinal, 43. titanic, 44. intricate, 45. fuse, 46. additive

47. pulse la__r *n.* a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification
48. landscape ar_____ct *n.* a person whose job is to design plans to be used in making something, such as buildings
49. spare co_____nts for cars *n.* one of several parts that combines with others to form something bigger
50. an air-cooled en___e *n.* a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose
51. sa_____ne building *n.* a type of rock composed mainly of sand-sized grains of mineral or rock fragments
52. tw__k his cheek *v.* to pinch or squeeze something sharply; to adjust something finely
53. si___r ceramics at a higher temperature *v.* to compact or fuse together powdered material, often through the application of heat, without melting it completely, often used in industrial processes to create solid objects or improve the properties of materials
54. the bo_____ry between reality and fantasy *n.* a real or imaginary line that marks the limit or extent of something and separates it from other things or places
55. ty_____l leader *adj.* having the usual characteristics or traits of a specific group of things

ANSWERS: 47. laser, 48. architect, 49. component, 50. engine, 51. sandstone, 52. tweak, 53. sinter, 54. boundary, 55. typical

56. his conclusion was ob____s *adj.* easy to see, discover or understand
57. la_____pe painting *n.* an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance
58. 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
59. precious je_____y *n.* decorative ornaments made of precious metals, gemstones, or other materials, worn as personal adornment, which can include items such as necklaces, bracelets, rings, earrings, and brooches
60. at_____te directly to sales *v.* to say or regard that something is the result of a particular thing; (noun) a quality or feature that someone or something possesses;
61. give the waiter a t_p. *n.* the top or extreme point of something slender or tapering, usually a mountain or hill; a piece of advice about something practical; a small amount of money given for services
62. sp_____ic instructions *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
63. un___e design *adj.* being the only one of its kind; unlike anything else

ANSWERS: 56. obvious, 57. landscape, 58. develop, 59. jewelry, 60. attribute, 61. tip, 62. specific, 63. unique

64. ca___n emission *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
65. f___e with one another *n.* a small part in an electrical device or machinery that can interrupt the flow of electrical current when it is overloaded; (verb) to become plastic or fluid or liquefied from heat
66. strict time con_____nts *n.* a limit or restriction on something, such as an action, behavior, or thought
67. accounting f___m *adj.* resolute or unwavering in decision-making or action; strong or secure in structure, make, or composition; reliable, trustworthy, or dependable; (noun) a business or company
68. fairly ty_____l symptoms *adj.* having the usual characteristics or traits of a specific group of things
69. po___s membrane *adj.* having many small holes and being able to absorb or pass through fluids
70. a s__t on his honor *n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it
71. a facial ti___e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
72. be_____k good manners *v.* to suggest or indicate something; to request something in advance; to suggest or indicate a particular quality or characteristic

ANSWERS: 64. carbon, 65. fuse, 66. constraint, 67. firm, 68. typical, 69. porous, 70. spot, 71. tissue, 72. bespeak

73. ha____ap parking space *n.* a physical or mental condition that limits a person's movements, senses, or activities
74. ob____s reasons *adj.* easy to see, discover or understand
75. ine____nt management *adj.* lacking the ability or skill and not making the best use of time, money, energy, etc.
76. car with ma____l transmissions *adj.* done by hand rather than by machine; (noun) a book of instructions, especially for operating a machine or learning a subject
77. curry po____r *n.* a dry and fine substance that consists of very small, loose particles
78. binary rep____ion *n.* the act of speaking, acting, or being present on behalf of someone officially; a statement of facts and reasons made in appealing or protesting
79. the crosswise di____on *n.* a measurable extent of a particular kind, such as width, height, or length
80. at inc____le speed *adj.* unbelievable; enormous
81. effect of cosmic r____ys *n.* a narrow line of light, heat, or another form of energy
82. di____t sleep *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
83. va____on of temperature *n.* the act or state of changing; a difference or change in the way something is done, made or said

ANSWERS: 73. handicap, 74. obvious, 75. inefficient, 76. manual, 77. powder, 78. representation, 79. dimension, 80. incredible, 81. ray, 82. disrupt, 83. variation

84. take im_____te effect *adj.* happening or done without delay or occurring shortly after something else
85. in___e with spirit *v.* to fill something with a particular quality, feeling, or influence; to imbue
86. early pi_____rs *n.* inventor; explorer; someone who is among the first to achieve something
87. a casting m__d *n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long
88. ext_____ary weather *adj.* exceptional, unexpected, very unusual; surpassing the ordinary or usual
89. de_____p wallpaper *n.* a flat working surface or table that is usually placed on top of a desk, typically used for a computer or other work-related activities
90. de_____t accumulation *n.* a sum of money or materials placed or kept in a bank, safety deposit box, or other secure places for safekeeping; a layer of rock, sand, or other material left behind by a flowing liquid or eroding force
91. as_____le a jigsaw puzzle *v.* to collect in one place as a single group
92. en___e in environmental protection activities *v.* to attract and keep someone's attention and interest; to participate in or obtain services of something

ANSWERS: 84. immediate, 85. infuse, 86. pioneer, 87. mold, 88. extraordinary, 89. desktop, 90. deposit, 91. assemble, 92. engage

93. ab____h censorship *v.* to do away with completely; to put an end to
94. political ar__a *n.* a large, flat area, often circular or oval-shaped, designed to showcase theatre, musical performances, or sporting events
95. global b__d market *n.* a close emotional connection between two or more people; a certificate of debt that a government or corporation issues to raise money
96. a te_____ue in martial arts *n.* a particular way or art of doing something that needs skill
97. ca____n dioxide *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
98. decision-making pr____s *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
99. je_____y designer *n.* decorative ornaments made of precious metals, gemstones, or other materials, worn as personal adornment, which can include items such as necklaces, bracelets, rings, earrings, and brooches
100. s__n the face of the man *v.* to examine something hastily, with the eyes or with a machine, to get information

ANSWERS: 93. abolish, 94. arena, 95. bond, 96. technique, 97. carbon, 98. process, 99. jewelry, 100. scan

101. la__r cake *n.* a sheet, quantity, or thickness of the material, typically one of several, covering a surface or body; a level or part within a system or set of ideas
102. hazardous li___d *n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas
103. a va_____t of the same word *n.* something that is slightly different from others of the same type
104. fo___r two kids *v.* to promote growth; to take care of another person's child, usually for a limited time, without becoming their legal parents
105. bite his tongue li_____ly *adv.* in the real or original meaning of a word or phrase; in a literal sense or way; not figuratively
106. ec_____y of scale *n.* the system by which a country or region produces, manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel
107. fa_____te an excuse *v.* to make something, especially by assembling parts or constructing it from raw materials; to invent and present something false as true or real to deceive someone
108. food ad_____ve *n.* a substance added to something in small amounts, especially food, to improve or preserve it

ANSWERS: 101. layer, 102. liquid, 103. variant, 104. foster, 105. literally, 106. economy, 107. fabricate, 108. additive

109. clogged fi___r *n.* any of several types of equipment or systems used to separate particles from liquids or gases or to remove specific forms of light
110. industry-sp_____ic regulations *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
111. jazz imp_____ion *n.* the act of making something up on the spot or creating or performing something without preparation
112. pro_____nal athlete *adj.* having or showing the skill appropriate to a particular job; competent or skillful
113. key co_____nt *n.* one of several parts that combines with others to form something bigger
114. boys in the twelfth gr__e *n.* a particular level of quality, size, importance, etc.
115. a broad sp_____um of opinion *n.* an ordered array of colors into which a light beam can be split
116. ae_____ce engineering *adj.* pertaining to the design, engineering, science, and technology related to the Earth's atmosphere and the exploration or use of space beyond it
117. an ex___s of exports *n.* an amount or quantity beyond what is acceptable, expected, or reasonable
118. do_____ad the assignment from the website *v.* to transfer data or files from the Internet or computer network to a user's computer or device; (noun) the process of transferring data or information from a remote or central computer to a local computer or device

ANSWERS: 109. filter, 110. specific, 111. improvisation, 112. professional, 113. component, 114. grade, 115. spectrum, 116. aerospace, 117. excess, 118. download

119. int_____ly woven *adv.* in a manner that involves a lot of detailed and complex arrangement or planning; with many interconnected parts or components
120. wh_____e for help *v.* to make a high-pitched sound by forcing breath through a small opening, usually with the lips or fingers; (noun) a piece of equipment that forces air or steam against an edge or into a cavity and so produces a loud shrill sound
121. em_____ng technologies *adj.* starting to exist, mature, or become well-known
122. a particular pre_____ce for Chinese art *n.* a stronger liking or interest for something or someone than another thing or person
123. sq_____e a lemon *v.* to apply pressure from two or more sides; to hold someone or something tightly in your arms, usually with fondness
124. mi____n measurements *n.* a unit of measurement equal to one-millionth of a meter, used for measuring the size of particles and microorganisms
125. in_____ct with one another *v.* to communicate or react with somebody
126. the st_____re of a machine *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
127. seasonal la__r *n.* productive work, especially physical work done for wages; the people who do manual or physical work in a country or company for wage; (verb) to work hard or to strive and make an effort to reach a goal

ANSWERS: 119. intricately, 120. whistle, 121. emerging, 122. preference, 123. squeeze, 124. micron, 125. interact, 126. structure, 127. labor

128. l__g capacity *n.* either of the two organs in the chest that people and some animals use for breathing
129. in_____ce a child's future *n.* the ability to affect someone's or something's character, growth, or behavior, or the effect itself
130. fun_____al deafness *adj.* designed for or capable of a particular activity, purpose, or task; practical or ready for use or service
131. the im_____te past *adj.* happening or done without delay or occurring shortly after something else
132. in___e life with meaning *v.* to fill something with a particular quality, feeling, or influence; to imbue
133. man_____re a product *v.* to make goods in large numbers, usually in a factory using machines
134. gene va_____on *n.* the act or state of changing; a difference or change in the way something is done, made or said
135. field of fun_____al medicine *adj.* designed for or capable of a particular activity, purpose, or task; practical or ready for use or service
136. co_____t base 10 to base 16 *v.* to have a talk with someone; (adjective) reversed in order, relation, or action
137. a de_____t's office *n.* a person who is qualified and licensed to treat people's teeth
138. opaque to X-r_ys *n.* a narrow line of light, heat, or another form of energy
139. cost ba_____r *n.* a fence or other obstruction that makes it hard to move or get in; any condition that makes it difficult to make progress or to achieve an objective

ANSWERS: 128. lung, 129. influence, 130. functional, 131. immediate, 132. infuse, 133. manufacture, 134. variation, 135. functional, 136. convert, 137. dentist, 138. ray, 139. barrier

140. at_____te the change to their marriage *v.* to say or regard that something is the result of a particular thing; (noun) a quality or feature that someone or something possesses;
141. con_____nt on business activity *n.* a limit or restriction on something, such as an action, behavior, or thought
142. sq_____e a confession *v.* to apply pressure from two or more sides; to hold someone or something tightly in your arms, usually with fondness
143. per_____ze my workspace *v.* to make something or an experience specific to an individual or group, often through adding personal details or tailoring it to their preferences or needs; to add personal details or information to something
144. res_____on of a conflict *n.* a firm decision or determination to do or not do something; the action of solving a problem, dispute, or conflict; the quality of being resolved or determined; the clarity and sharpness of an image or display
145. per_____ze social media profile *v.* to make something or an experience specific to an individual or group, often through adding personal details or tailoring it to their preferences or needs; to add personal details or information to something
146. a private ind_____al *n.* a single person or thing, as distinct from a group

ANSWERS: 140. attribute, 141. constraint, 142. squeeze, 143. personalize, 144. resolution, 145. personalize, 146. individual

147. ti____c compound *adj.* of or having a great size, power, or influence; of or relating to Titanium (= a light, strong grey, lustrous, corrosion-resistant metallic element)
148. an energy eff_____cy *n.* the state or quality of doing something well with no waste of input such as time or money
149. re_____on by community *n.* the act of refusing to accept, use, or consider someone or something; in medicine, an immunological response that refuses to accept substances or organisms that are recognized as foreign
150. loss of muscle ti___e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
151. ma_____ly operated *adv.* by the use of physical effort or human labor; not automatically or mechanically; by hand
152. a peaceful la_____pe *n.* an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance
153. electromagnetic va__e *n.* a device for controlling the flow of a fluid or gas through a pipe or duct by means of a movable part that opens, closes, or restricts the opening
154. bl_____r infection *n.* a hollow, flexible sac-like organ in the body that stores and expels fluids, such as urine or bile

ANSWERS: 147. titanic, 148. efficiency, 149. rejection, 150. tissue, 151. manually, 152. landscape, 153. valve, 154. bladder

155. certified pro_____nal secretary *adj.* having or showing the skill appropriate to a particular job; competent or skillful
156. pro_____on of disease *n.* the act or process of changing to the next stage or phase or moving forward
157. an aut_____ve transport company *adj.* of or relating to motor vehicles
158. aut_____ve manufacturing *adj.* of or relating to motor vehicles
159. a civil en_____er *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
160. beauty s__t *n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it
161. gas fi____r *n.* any of several types of equipment or systems used to separate particles from liquids or gases or to remove specific forms of light
162. have pro_____ic arms *adj.* of or relating to an artificial part of the body, such as a limb, a heart, or a breast implant
163. ar_____ct of the peace accord *n.* a person whose job is to design plans to be used in making something, such as buildings
164. 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
165. copyrighted so_____re *n.* a set of computer programs and associated documentation and data for doing particular computational jobs

ANSWERS: 155. professional, 156. progression, 157. automotive, 158. automotive, 159. engineer, 160. spot, 161. filter, 162. prosthetic, 163. architect, 164. simulate, 165. software

166. mental ha_____ap *n.* a physical or mental condition that limits a person's movements, senses, or activities
167. the te_____ue applied to construction *n.* a particular way or art of doing something that needs skill
168. b_g the question *v.* to ask for something urgently or earnestly; to appeal to someone to do something
169. pro_____ic limbs *adj.* of or relating to an artificial part of the body, such as a limb, a heart, or a breast implant
170. sc_____h my signature *v.* to cut or damage the surface of something or the skin with a sharp or pointed object
171. im_____t into the uterus *v.* to insert or fix an artificial device in a person's body; to put an idea, attitude, etc., firmly in the mind
172. art_____al environment *adj.* not natural and made by human beings; not real but produced to resemble something
173. critical m__s *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
174. de_____p software *n.* a flat working surface or table that is usually placed on top of a desk, typically used for a computer or other work-related activities
175. Euclidean ge_____ry *n.* the area of pure mathematics that deals with the points, lines, curves, and surfaces

ANSWERS: 166. handicap, 167. technique, 168. beg, 169. prosthetic, 170. scratch, 171. implant, 172. artificial, 173. mass, 174. desktop, 175. geometry

176. de____t money *n.* a sum of money or materials placed or kept in a bank, safety deposit box, or other secure places for safekeeping; a layer of rock, sand, or other material left behind by a flowing liquid or eroding force
177. fa_____te a chemical *v.* to make something, especially by assembling parts or constructing it from raw materials; to invent and present something false as true or real to deceive someone
178. m__t down gold *v.* to turn from something solid into something soft or liquid as a result of heating
179. tooth ca____y *n.* an empty space or hollowness within a solid object, especially within the body, such as a tooth or bone; a hole or depression in a surface or the ground
180. pa__e trend *adj.* no longer fashionable or current; outdated; considered to be old-fashioned or out of date
181. fo____r a better relationship *v.* to promote growth; to take care of another person's child, usually for a limited time, without becoming their legal parents
182. bo__d up a staircase *v.* to move forward by leaps and bounds; to form the boundary of something
183. de___l hygiene *adj.* of or relating to teeth
184. back f_n *n.* a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance

ANSWERS: 176. deposit, 177. fabricate, 178. melt, 179. cavity, 180. passe, 181. foster, 182. bound, 183. dental, 184. fin

185. be____k elegance *v.* to suggest or indicate something; to request something in advance; to suggest or indicate a particular quality or characteristic
186. garlic sa____i *n.* a type of cured meat, typically made from beef or pork and sliced thinly for use in sandwiches or as an appetizer
187. the gen_____on of electricity *n.* all the people born and living at about the same time, regarded collectively; the production of heat or electricity
188. not nec_____ly a problem *adv.* in an essential manner; in such a way as could not be otherwise
189. man_____te figures *v.* to influence or control something or someone to your advantage, often in an unfair or dishonest way
190. am_____g advances *adj.* extremely surprising, especially in a way that you like or admire
191. spe_____ed equipment *adj.* possessing or relating to specific knowledge or skills that are unique to a particular field or task; designed or intended for a particular purpose or function
192. sp__e cost *adj.* additional to what is necessary for ordinary use; (verb) to give time, money, space, etc. to someone
193. im_____t genes in the animals *v.* to insert or fix an artificial device in a person's body; to put an idea, attitude, etc., firmly in the mind
194. so_____re architect *n.* a set of computer programs and associated documentation and data for doing particular computational jobs

ANSWERS: 185. bespeak, 186. salami, 187. generation, 188. necessarily, 189. manipulate, 190. amazing, 191. specialized, 192. spare, 193. implant, 194. software

195. dispel do__ts *n.* a feeling of being uncertain about something, especially about how good or accurate it is
196. a gas me__r *n.* a device used to measure the amount of a particular substance or attribute, such as length, volume, or time; (prosody) the accent in a metrical foot of verse
197. ind_____al freedom *n.* a single person or thing, as distinct from a group
198. the fo_____nts of an earlier civilization *n.* a mark of a foot, shoe, or animal's foot left on a surface
199. pa__e entertainment *adj.* no longer fashionable or current; outdated; considered to be old-fashioned or out of date
200. ele_____cs industry *n.* the branch of physics and technology that deals with the behavior and control of electrons and the use of electronic devices and systems
201. the most am_____g feeling *adj.* extremely surprising, especially in a way that you like or admire
202. en_____er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
203. de___l care *adj.* of or relating to teeth
204. st_____re and function of the brain *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts

ANSWERS: 195. doubt, 196. meter, 197. individual, 198. footprint, 199. passe, 200. electronics, 201. amazing, 202. engineer, 203. dental, 204. structure

205. sp__e parts	<i>adj.</i> additional to what is necessary for ordinary use; (verb) to give time, money, space, etc. to someone
206. inc_____le amount	<i>adj.</i> unbelievable; enormous
207. sales rep_____ion	<i>n.</i> the act of speaking, acting, or being present on behalf of someone officially; a statement of facts and reasons made in appealing or protesting
208. ext_____ary ability	<i>adj.</i> exceptional, unexpected, very unusual; surpassing the ordinary or usual
209. pro_____on of civilization	<i>n.</i> the act or process of changing to the next stage or phase or moving forward
210. fl__d assets	<i>n.</i> a substance that can flow and is not solid
211. ae_____ic value	<i>adj.</i> connected with the enjoyment or study of beauty
212. vulnerable to man_____te	<i>v.</i> to influence or control something or someone to your advantage, often in an unfair or dishonest way
213. his meal pre_____ces	<i>n.</i> a stronger liking or interest for something or someone than another thing or person
214. act as a pi_____r	<i>n.</i> inventor; explorer; someone who is among the first to achieve something
215. va_____t types of pigeon	<i>n.</i> something that is slightly different from others of the same type
216. temporary me_____l treatment	<i>adj.</i> relating to the treatment of illness or injuries; relating to the practice of medicine

ANSWERS: 205. spare, 206. incredible, 207. representation, 208. extraordinary, 209. progression, 210. fluid, 211. aesthetic, 212. manipulate, 213. preference, 214. pioneer, 215. variant, 216. medical

217. si___r iron ore fines *v.* to compact or fuse together powdered material, often through the application of heat, without melting it completely, often used in industrial processes to create solid objects or improve the properties of materials
218. early pr_____pe *n.* a first or preliminary example of something such as a device or vehicle from which other forms are developed
219. poetic me__r *n.* a device used to measure the amount of a particular substance or attribute, such as length, volume, or time; (prosody) the accent in a metrical foot of verse
220. m__d allergy *n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long
221. ae_____ic feeling *adj.* connected with the enjoyment or study of beauty
222. it_____e results *v.* to repeat or do something again, often to make improvements or correct errors; to go over or revisit something repeatedly; to restate or emphasize a point or idea
223. students at all gr__e levels *n.* a particular level of quality, size, importance, etc.

ANSWERS: 217. sinter, 218. prototype, 219. meter, 220. mold, 221. aesthetic, 222. iterate, 223. grade

224. a ge_____ic proof *adj.* relating to or having the characteristics of geometry (= the shape, properties, and relations of points, lines, surfaces, solids)
225. ind_____us worker *adj.* hardworking, diligent, and persistent in effort
226. a m__s of molten rock *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
227. st_____ss sink *adj.* resistant to staining or discoloration; not affected or damaged by contact with dirt, water, or other substances; clean and hygienic
228. s__n a document into PDF *v.* to examine something hastily, with the eyes or with a machine, to get information
229. consult a de_____t *n.* a person who is qualified and licensed to treat people's teeth
230. lose ex___s weight *n.* an amount or quantity beyond what is acceptable, expected, or reasonable
231. beautiful arc_____ral landmarks *adj.* of or relating to the design and construction of buildings and other structures and the features and style of such structures
232. em_____ng country *adj.* starting to exist, mature, or become well-known
233. b_n any type of cloning *v.* to officially or legally forbid or refuse to allow something

ANSWERS: 224. geometric, 225. industrious, 226. mass, 227. stainless, 228. scan, 229. dentist, 230. excess, 231. architectural, 232. emerging, 233. ban

234. brain and sp___l cord *adj.* of or relating to the spine (= the long bone in the body's back)
235. imp_____ion on stage *n.* the act of making something up on the spot or creating or performing something without preparation
236. complete a pr_____pe product *n.* a first or preliminary example of something such as a device or vehicle from which other forms are developed
237. ca___y filling *n.* an empty space or hollowness within a solid object, especially within the body, such as a tooth or bone; a hole or depression in a surface or the ground
238. chronic ki___y disease *n.* either of a pair of small organs in the body that filter waste products, especially urea, from the blood and excrete them and water in urine
239. the br__d of the new car *n.* a type of product, service, etc., made by a particular company and sold under a specific name; identification mark on the skin of livestock, criminals, etc., made by burning
240. absolutely fa_____ic event *adj.* extremely good; excellent
241. sliced sa___i *n.* a type of cured meat, typically made from beef or pork and sliced thinly for use in sandwiches or as an appetizer
242. indoor ar__a *n.* a large, flat area, often circular or oval-shaped, designed to showcase theatre, musical performances, or sporting events

ANSWERS: 234. spinal, 235. improvisation, 236. prototype, 237. cavity, 238. kidney, 239. brand, 240. fantastic, 241. salami, 242. arena

243. int_____ly decorated *adv.* in a manner that involves a lot of detailed and complex arrangement or planning; with many interconnected parts or components
244. 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
245. br_____us wall *n.* (in the plural, "bronchi") either of the two main branches of the trachea that lead to the lungs and distribute air to the bronchioles and alveoli
246. re_____te their commitment *v.* to repeat something, typically for emphasis or clarity; to say or do something again and again
247. display res_____on *n.* a firm decision or determination to do or not do something; the action of solving a problem, dispute, or conflict; the quality of being resolved or determined; the clarity and sharpness of an image or display
248. manual la__r *n.* productive work, especially physical work done for wages; the people who do manual or physical work in a country or company for wage; (verb) to work hard or to strive and make an effort to reach a goal
249. dis_____ue a project *v.* to cease or stop doing something; to interrupt or terminate something that is already ongoing or in progress

ANSWERS: 243. intricately, 244. efficient, 245. bronchus, 246. reiterate, 247. resolution, 248. labor, 249. discontinue

250. employee da____se *n.* a large amount of data stored in a computer system in such a way that it can be searched and updated easily
251. sc____h off a name *v.* to cut or damage the surface of something or the skin with a sharp or pointed object
252. man____re an enzyme *v.* to make goods in large numbers, usually in a factory using machines
253. do____ad files from the Internet *v.* to transfer data or files from the Internet or computer network to a user's computer or device; (noun) the process of transferring data or information from a remote or central computer to a local computer or device
254. a stiff hi__e *n.* a joint that holds the edge of a door, window, lid, etc. and allows it to open or close
255. it____e an experiment *v.* to repeat or do something again, often to make improvements or correct errors; to go over or revisit something repeatedly; to restate or emphasize a point or idea
256. ine____nt use *adj.* lacking the ability or skill and not making the best use of time, money, energy, etc.
257. plenty of fl__ds *n.* a substance that can flow and is not solid
258. a un____e teacher *adj.* being the only one of its kind; unlike anything else

ANSWERS: 250. database, 251. scratch, 252. manufacture, 253. download, 254. hinge, 255. iterate, 256. inefficient, 257. fluid, 258. unique

259. swollen bl____r *n.* a hollow, flexible sac-like organ in the body that stores and expels fluids, such as urine or bile
260. study arc_____ral engineering *adj.* of or relating to the design and construction of buildings and other structures and the features and style of such structures
261. da_____se administrator *n.* a large amount of data stored in a computer system in such a way that it can be searched and updated easily
262. a sl__e of the company's revenue *n.* a flat, often thin, piece of bread, meat, cheese, etc., that has been cut from a larger piece; a wound made by cutting
263. create a br__d logo *n.* a type of product, service, etc., made by a particular company and sold under a specific name; identification mark on the skin of livestock, criminals, etc., made by burning
264. wh_____e a tune *v.* to make a high-pitched sound by forcing breath through a small opening, usually with the lips or fingers; (noun) a piece of equipment that forces air or steam against an edge or into a cavity and so produces a loud shrill sound
265. better fuel eff_____cy *n.* the state or quality of doing something well with no waste of input such as time or money
266. b_g for help *v.* to ask for something urgently or earnestly; to appeal to someone to do something

ANSWERS: 259. bladder, 260. architectural, 261. database, 262. slice, 263. brand, 264. whistle, 265. efficiency, 266. beg

267. a political rev_____on *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
268. 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
269. in_____ct directly with customers *v.* to communicate or react with somebody
270. ina_____ble areas *adj.* unable to travel to or reach; not available
271. new di_____on *n.* a measurable extent of a particular kind, such as width, height, or length
272. re_____te a point *v.* to repeat something, typically for emphasis or clarity; to say or do something again and again
273. ho_____mb pattern *n.* a structure of hexagonal cells made of wax by bees as a place to store honey and to rear their young
274. mo_____g experience *adj.* causing strong emotions or feelings, especially sadness or sympathy
275. a fa_____ic dress *adj.* extremely good; excellent
276. insecure hi___e *n.* a joint that holds the edge of a door, window, lid, etc. and allows it to open or close
277. ina_____ble to an unauthorized user *adj.* unable to travel to or reach; not available

ANSWERS: 267. revolution, 268. develop, 269. interact, 270. inaccessible, 271. dimension, 272. reiterate, 273. honeycomb, 274. moving, 275. fantastic, 276. hinge, 277. inaccessible

278. phy_____ly and mentally *adv.* in a way related to a person's body or appearance rather than their mind
279. art_____al flowers *adj.* not natural and made by human beings; not real but produced to resemble something
280. ele_____cs store *n.* the branch of physics and technology that deals with the behavior and control of electrons and the use of electronic devices and systems
281. lithic sa_____ne *n.* a type of rock composed mainly of sand-sized grains of mineral or rock fragments
282. b_n gender-related job discrimination *v.* to officially or legally forbid or refuse to allow something
283. ec_____y class *n.* the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel
284. ba__s for calculation *n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged
285. tw__k the economy *v.* to pinch or squeeze something sharply; to adjust something finely
286. f__m grip *adj.* resolute or unwavering in decision-making or action; strong or secure in structure, make, or composition; reliable, trustworthy, or dependable; (noun) a business or company

ANSWERS: 278. physically, 279. artificial, 280. electronics, 281. sandstone, 282. ban, 283. economy, 284. basis, 285. tweak, 286. firm

287. in_____ce the daily life *n.* the ability to affect someone's or something's character, growth, or behavior, or the effect itself
288. in_____on needle *n.* the act of introducing a liquid, especially a drug, into the body using a needle and a syringe
289. po____r additive *n.* a dry and fine substance that consists of very small, loose particles
290. bo__ded with delight *v.* to move forward by leaps and bounds; to form the boundary of something
291. la__r printer *n.* a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification
292. as_____le your colleagues *v.* to collect in one place as a single group
293. ge_____ic pattern *adj.* relating to or having the characteristics of geometry (= the shape, properties, and relations of points, lines, surfaces, solids)
294. b__d as a family *n.* a close emotional connection between two or more people; a certificate of debt that a government or corporation issues to raise money
295. di_____t a well-ordered condition *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
296. m__t the ice *v.* to turn from something solid into something soft or liquid as a result of heating

ANSWERS: 287. influence, 288. injection, 289. powder, 290. bound, 291. laser, 292. assemble, 293. geometric, 294. bond, 295. disrupt, 296. melt

297. a steam en___e *n.* a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose
298. dis_____ue a service *v.* to cease or stop doing something; to interrupt or terminate something that is already ongoing or in progress
299. beginning of the industrial
rev_____on *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
300. mi___n imaging *n.* a unit of measurement equal to one-millionth of a meter, used for measuring the size of particles and microorganisms

ANSWERS: 297. engine, 298. discontinue, 299. revolution, 300. micron

Session 3: Fill in the Blanks

1. She _____ a new chapter into her manuscript.
v. to put something inside something else
2. The athlete overcame his physical _____ to become a world champion.
n. a physical or mental condition that limits a person's movements, senses, or activities
3. The _____ team worked quickly to save the patient's life.
adj. relating to the treatment of illness or injuries; relating to the practice of medicine
4. The surgeon removed the healthy _____ from the donor.
n. either of a pair of small organs in the body that filter waste products, especially urea, from the blood and excrete them and water in urine
5. The government voted to _____ the outdated law.
v. to do away with completely; to put an end to
6. The building _____ tried to build the house above the tree.
n. a person whose job is to design plans to be used in making something, such as buildings
7. I need to _____ the latest update for my computer's operating system.
v. to transfer data or files from the Internet or computer network to a user's computer or device; (noun) the process of transferring data or information from a remote or central computer to a local computer or device
8. Our company must continue to strive for greater _____.
n. the state or quality of doing something well with no waste of input such as time or money

ANSWERS: 1. inserted, 2. handicap, 3. medical, 4. kidney, 5. abolish, 6. architect, 7. download, 8. efficiency

9. Drinking too much coffee can irritate the _____ and cause frequent urination.
n. a hollow, flexible sac-like organ in the body that stores and expels fluids, such as urine or bile
10. She used a _____ brush to apply her foundation evenly.
n. a dry and fine substance that consists of very small, loose particles
11. I need to _____ the importance of submitting your report by the deadline.
v. to repeat something, typically for emphasis or clarity; to say or do something again and again
12. Her response revealed _____ idiocy.
adj. unbelievable; enormous
13. The watch was _____ designed, with many small moving parts.
adv. in a manner that involves a lot of detailed and complex arrangement or planning; with many interconnected parts or components
14. The employee decided to _____ on the company's illegal activities.
v. to make a high-pitched sound by forcing breath through a small opening, usually with the lips or fingers; (noun) a piece of equipment that forces air or steam against an edge or into a cavity and so produces a loud shrill sound
15. The _____ ship sank on its maiden voyage.
adj. of or having a great size, power, or influence; of or relating to Titanium (= a light, strong grey, lustrous, corrosion-resistant metallic element)
16. 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

ANSWERS: 9. bladder, 10. powder, 11. reiterate, 12. incredible, 13. intricately, 14. whistle-blow, 15. titanic, 16. specific

17. She stood on the podium and _____ an audience.

- v.* to examine something hastily, with the eyes or with a machine, to get information

18. 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

19. Canada _____ on the United States.

- v.* to move forward by leaps and bounds; to form the boundary of something

20. The sponge takes up the _____ well.

- n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas

21. The _____ of people who do not own property is politically impotent.

- n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together

22. This evidence will form the _____ for our discussion.

- n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged

23. I'm so sorry to _____ you when you're pretty busy.

- v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance

24. In several countries, child _____ is a serious social problem.

- n.* productive work, especially physical work done for wages; the people who do manual or physical work in a country or company for wage; (verb) to work hard or to strive and make an effort to reach a goal

ANSWERS: 17. scanned, 18. process, 19. bounds, 20. liquid, 21. mass, 22. basis, 23. disrupt, 24. labor

25. Bell-bottom jeans, once considered _____ fashion, have made a surprising comeback in recent years.

adj. no longer fashionable or current; outdated; considered to be old-fashioned or out of date

26. Jockey's superior _____ brought him victory.

n. a particular way or art of doing something that needs skill

27. Heavy snow made it _____ to go to the mountain village.

adj. unable to travel to or reach; not available

28. The mobile phone was still _____ even after being dropped.

adj. designed for or capable of a particular activity, purpose, or task; practical or ready for use or service

29. I received a beautiful piece of _____ from my partner for our anniversary.

n. decorative ornaments made of precious metals, gemstones, or other materials, worn as personal adornment, which can include items such as necklaces, bracelets, rings, earrings, and brooches

30. Don't _____ your mosquito bites.

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

31. I have a _____ in one of my molars and must schedule a dentist appointment.

n. an empty space or hollowness within a solid object, especially within the body, such as a tooth or bone; a hole or depression in a surface or the ground

32. He made a New Year's _____ to exercise more and eat healthier.

n. a firm decision or determination to do or not do something; the action of solving a problem, dispute, or conflict; the quality of being resolved or determined; the clarity and sharpness of an image or display

ANSWERS: 25. passe, 26. technique, 27. inaccessible, 28. functional, 29. jewelry, 30. scratch, 31. cavity, 32. resolution

33. The company holds patents on core components of _____ jet printers.
- n.* a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification
34. NASA is an _____ organization that explores space and improves aviation technology.
- adj.* pertaining to the design, engineering, science, and technology related to the Earth's atmosphere and the exploration or use of space beyond it
35. I need to upgrade my _____ computer since it's become quite slow.
- n.* a flat working surface or table that is usually placed on top of a desk, typically used for a computer or other work-related activities
36. He should _____ more with his colleagues.
- v.* to communicate or react with somebody
37. I am going to the family _____ to get my teeth cleaned.
- n.* a person who is qualified and licensed to treat people's teeth
38. The data was _____ entered into the system by the employee.
- adv.* by the use of physical effort or human labor; not automatically or mechanically; by hand
39. This remote _____ is rarely visited.
- n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it
40. I like to _____ my phone case with a picture of my dog.
- v.* to make something or an experience specific to an individual or group, often through adding personal details or tailoring it to their preferences or needs; to add personal details or information to something

ANSWERS: 33. laser, 34. aerospace, 35. desktop, 36. interact, 37. dentist, 38. manually, 39. spot, 40. personalize

41. Overall _____ are approximately 400x200mm.

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

42. The _____ on the wall showed that the room was three meters long.

n. a device used to measure the amount of a particular substance or attribute, such as length, volume, or time; (prosody) the accent in a metrical foot of verse

43. She _____ her parents to let her go to the concert.

v. to ask for something urgently or earnestly; to appeal to someone to do something

44. _____ is the start, not the end, of intelligence.

n. a feeling of being uncertain about something, especially about how good or accurate it is

45. The gasoline _____ had leaked from the container.

n. a substance added to something in small amounts, especially food, to improve or preserve it

46. 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

47. He has a short _____.

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

48. The painting is _____ and there is no other like it.

adj. being the only one of its kind; unlike anything else

ANSWERS: 41. dimensions, 42. meter, 43. begged, 44. Doubt, 45. additive, 46. simulate, 47. fuse, 48. unique,

49. Ozone is a primary _____ to protect Earth's surface from harmful UV rays.
n. any of several types of equipment or systems used to separate particles from liquids or gases or to remove specific forms of light
50. The golfer recorded an _____ distance.
adj. extremely surprising, especially in a way that you like or admire
51. The president began to _____ an army.
v. to collect in one place as a single group
52. 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
53. The _____ of frost on the ground was so thick it was difficult to walk on.
n. a sheet, quantity, or thickness of the material, typically one of several, covering a surface or body; a level or part within a system or set of ideas
54. The _____ by the citizen resulted in a redistribution of wealth.
n. a large-scale attempt to overthrow the government of a country, often using violence or war;
55. Trees absorb _____ dioxide and give off oxygen.
n. a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
56. He created a beautiful piece of music using only _____.
n. the act of making something up on the spot or creating or performing something without preparation

ANSWERS: 49. filter, 50. amazing, 51. assemble, 52. individual, 53. layer, 54. revolution, 55. carbon, 56. improvisation

57. The organizational _____ of start-ups is often flat and straightforward.
n. the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
58. We choose transportation that has a smaller carbon _____.
n. a mark of a foot, shoe, or animal's foot left on a surface
59. The doctor will _____ a pacemaker to regulate his heart rate.
v. to insert or fix an artificial device in a person's body; to put an idea, attitude, etc., firmly in the mind
60. The company has made great strides in its _____ toward sustainability.
n. the act or process of changing to the next stage or phase or moving forward
61. The budget _____ forced them to make difficult decisions.
n. a limit or restriction on something, such as an action, behavior, or thought
62. His involvement is the _____ of our plan.
n. a joint that holds the edge of a door, window, lid, etc. and allows it to open or close
63. She _____ fresh herbs into the soup for added flavor.
v. to fill something with a particular quality, feeling, or influence; to imbue
64. _____ technologies have dramatically improved productivity in various industries.
adj. starting to exist, mature, or become well-known
65. New _____ joints are less prone to metal poisoning.
adj. of or relating to an artificial part of the body, such as a limb, a heart, or a breast implant

ANSWERS: 57. structure, 58. footprint, 59. implant, 60. progression, 61. constraint, 62. hinge, 63. infused, 64. Emerging, 65. prosthetic

66. I have a _____ appointment at 2 pm to get my teeth cleaned.

adj. of or relating to teeth

67. The younger _____ has different values and beliefs than the older one.

n. all the people born and living at about the same time, regarded collectively; the production of heat or electricity

68. A person who has been declared incompetent should have legal _____.

n. the act of speaking, acting, or being present on behalf of someone officially; a statement of facts and reasons made in appealing or protesting

69. We should ___ mildly violent video games from a child's development perspective.

v. to officially or legally forbid or refuse to allow something

70. Please tell me how to _____ this computer.

v. to influence or control something or someone to your advantage, often in an unfair or dishonest way

71. His proposals were met with _____.

n. the act of refusing to accept, use, or consider someone or something; in medicine, an immunological response that refuses to accept substances or organisms that are recognized as foreign

72. Each country's officials can access the central _____.

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

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

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

ANSWERS: 66. dental, 67. generation, 68. representation, 69. ban, 70. manipulate, 71. rejection, 72. database, 73. component

74. The company specializes in manufacturing and selling cutting-edge _____.
- n.* the branch of physics and technology that deals with the behavior and control of electrons and the use of electronic devices and systems
75. The width of a single human hair is around 100 _____.
- n.* a unit of measurement equal to one-millionth of a meter, used for measuring the size of particles and microorganisms
76. Gamma _____ penetrate body tissues and cause cell damage.
- n.* a narrow line of light, heat, or another form of energy
77. He wandered the _____ between life and death by gunfire.
- n.* a real or imaginary line that marks the limit or extent of something and separates it from other things or places
78. The kitchen appliances were all _____ steel, making the space modern and sleek.
- adj.* resistant to staining or discoloration; not affected or damaged by contact with dirt, water, or other substances; clean and hygienic
79. He received an _____ of antibiotics to treat his infection.
- n.* the act of introducing a liquid, especially a drug, into the body using a needle and a syringe
80. There are _____ differences between the two wine-producing regions.
- adj.* easy to see, discover or understand
81. Her _____ is comfortable clothing over fashionable ones.
- n.* a stronger liking or interest for something or someone than another thing or person

ANSWERS: 74. electronics, 75. microns, 76. rays, 77. boundary, 78. stainless, 79. injection, 80. obvious, 81. preference

82. This device displayed the speech _____ spectrographically.
n. an ordered array of colors into which a light beam can be split
83. I will introduce some _____ on learning English in this class.
n. the top or extreme point of something slender or tapering, usually a mountain or hill; a piece of advice about something practical; a small amount of money given for services
84. The detective discovered that the witness had _____ her story about the crime.
v. to make something, especially by assembling parts or constructing it from raw materials; to invent and present something false as true or real to deceive someone
85. Many multinational companies are _____ in the reconstruction of that country.
v. to attract and keep someone's attention and interest; to participate in or obtain services of something
86. He has a _____ demeanor and always presents himself in a polished manner.
adj. having or showing the skill appropriate to a particular job; competent or skillful
87. The _____ cliffs along the coast are a natural wonder.
n. a type of rock composed mainly of sand-sized grains of mineral or rock fragments
88. The hospital has many _____ departments, including cardiology and oncology.
adj. possessing or relating to specific knowledge or skills that are unique to a particular field or task; designed or intended for a particular purpose or function

ANSWERS: 82. spectrum, 83. tips, 84. fabricated, 85. engaged, 86. professional, 87. sandstone, 88. specialized

89. The pastor contributed to _____ the sense of a community embracing all classes.
- v. to promote growth; to take care of another person's child, usually for a limited time, without becoming their legal parents
90. The new amusement park ride was _____ with twists, turns, and drops that left riders screaming with excitement.
- adj. extremely good; excellent
91. Her resistance _____ under his persuasion.
- v. to turn from something solid into something soft or liquid as a result of heating
92. The company is planning to build a 20,000-seat _____ with a retractable roof.
- n. a large, flat area, often circular or oval-shaped, designed to showcase theatre, musical performances, or sporting events
93. 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
94. The _____ on the pipeline was leaking, so maintenance had to shut it off to make repairs.
- n. a device for controlling the flow of a fluid or gas through a pipe or duct by means of a movable part that opens, closes, or restricts the opening
95. The politician managed to deal with that _____ issue.
- adj. having many different parts and small details that all work together
96. I always add _____ to my pizza toppings for extra flavor.
- n. a type of cured meat, typically made from beef or pork and sliced thinly for use in sandwiches or as an appetizer

ANSWERS: 89. fostering, 90. fantastic, 91. melted, 92. arena, 93. efficient, 94. valve, 95. intricate, 96. salami

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

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

98. Recent electoral shocks have shaken the political _____ in Europe.

- n.* an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance

99. The company specializes in both hardware and _____.

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

100. We need to _____ on this design to improve its functionality.

- v.* to repeat or do something again, often to make improvements or correct errors; to go over or revisit something repeatedly; to restate or emphasize a point or idea

101. He _____ jumped out of his chair when he heard the news.

- adv.* in the real or original meaning of a word or phrase; in a literal sense or way; not figuratively

102. The ____ deadline for submitting the project is tomorrow, so we need to work efficiently to finish on time.

- adj.* resolute or unwavering in decision-making or action; strong or secure in structure, make, or composition; reliable, trustworthy, or dependable; (noun) a business or company

103. The metal particles began to _____ under high heat, forming a solid structure.

- v.* to compact or fuse together powdered material, often through the application of heat, without melting it completely, often used in industrial processes to create solid objects or improve the properties of materials

ANSWERS: 97. prototype, 98. landscape, 99. software, 100. iterate, 101. literally, 102. firm, 103. sinter

104. Mushrooms and _____ are fungi.

- n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long

105. Smoking damages the _____ and increases the risk of lung cancer.

- n.* (in the plural, "bronchi") either of the two main branches of the trachea that lead to the lungs and distribute air to the bronchioles and alveoli

106. My _____ standards are quite different from hers.

- adj.* connected with the enjoyment or study of beauty

107. The beehive was made of an intricate _____ pattern.

- n.* a structure of hexagonal cells made of wax by bees as a place to store honey and to rear their young

108. Our unfenced and largely unpoliced border inevitably has been very _____ for insurgents.

- adj.* having many small holes and being able to absorb or pass through fluids

109. The former emperor had a particular _____ even after he abdicated.

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

110. The police placed a _____ across the street to halt traffic.

- n.* a fence or other obstruction that makes it hard to move or get in; any condition that makes it difficult to make progress or to achieve an objective

111. He didn't _____ the plan, even though he had time.

- v.* to pinch or squeeze something sharply; to adjust something finely

ANSWERS: 104. mold, 105. bronchus, 106. aesthetic, 107. honeycomb, 108. porous, 109. influence, 110. barrier, 111. tweak

112. Both forts were subject to _____ attacks.

adj. happening or done without delay or occurring shortly after something else

113. I made plans to spend my _____ time beneficially.

adj. additional to what is necessary for ordinary use; (verb) to give time, money, space, etc. to someone

114. She _____ the toothpaste tube from the middle to get the last bit out.

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

115. The company has decided to _____ the production of its unpopular product line.

v. to cease or stop doing something; to interrupt or terminate something that is already ongoing or in progress

116. He _____ the disappointing results to the economic downturn.

v. to say or regard that something is the result of a particular thing; (noun) a quality or feature that someone or something possesses;

117. The _____ style of the building was a mix of modern and traditional.

adj. of or relating to the design and construction of buildings and other structures and the features and style of such structures

118. The _____ shapes and patterns in the artwork are visually stunning.

adj. relating to or having the characteristics of geometry (= the shape, properties, and relations of points, lines, surfaces, solids)

119. Having a _____ healthy physique is essential for a great life.

adv. in a way related to a person's body or appearance rather than their mind

ANSWERS: 112. immediate, 113. spare, 114. squeezed, 115. discontinue, 116. attributes, 117. architectural, 118. geometric, 119. physically

120. There is a lot of _____ in the colors of flowers in the garden.

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

121. The shark's powerful _____ allowed it to swim at high speeds.

n. a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance

122. Your outfit _____ confidence and professionalism.

v. to suggest or indicate something; to request something in advance; to suggest or indicate a particular quality or characteristic

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

adj. hardworking, diligent, and persistent in effort

124. John Whitney was a computer animation _____.

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

125. 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

126. This accident was something that happened _____.

adv. in an essential manner; in such a way as could not be otherwise

127. The road of _____ leads to the palace of wisdom.

n. an amount or quantity beyond what is acceptable, expected, or reasonable

ANSWERS: 120. variation, 121. fins, 122. bespeaks, 123. industrious, 124. pioneer, 125. develop, 126. necessarily, 127. excess

128. The children complained because one _____ of cake was slightly larger than the other.

n. a flat, often thin, piece of bread, meat, cheese, etc., that has been cut from a larger piece; a wound made by cutting

129. There's a new _____ of hero in the movies now.

n. a type of product, service, etc., made by a particular company and sold under a specific name; identification mark on the skin of livestock, criminals, etc., made by burning

130. This machine cuts metal by _____ control.

adj. done by hand rather than by machine; (noun) a book of instructions, especially for operating a machine or learning a subject

131. The system is still so _____ that it is useless.

adj. lacking the ability or skill and not making the best use of time, money, energy, etc.

132. I made a _____ at the bank to add money to my account.

n. a sum of money or materials placed or kept in a bank, safety deposit box, or other secure places for safekeeping; a layer of rock, sand, or other material left behind by a flowing liquid or eroding force

133. I want to _____ my sadness into strength.

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

134. The majority of synthetic vitamins are _____ from oil.

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

135. The surgeon carefully confirmed how to remove the tumor to avoid damaging the _____ nerves.

adj. of or relating to the spine (= the long bone in the body's back)

ANSWERS: 128. slice, 129. brand, 130. manual, 131. inefficient, 132. deposit, 133. convert, 134. manufactured, 135. spinal

136. The _____ will repair my telephone tomorrow morning.

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

137. The first _____ of the virus appeared in less than a month.

n. something that is slightly different from others of the same type

138. The _____ of the country is struggling due to the recent political instability.

n. the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel

139. She was diagnosed with a _____ buildup in her lungs.

n. a substance that can flow and is not solid

140. This artwork is _____ of her work.

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

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

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

142. He has terminal _____ cancer.

n. either of the two organs in the chest that people and some animals use for breathing

143. He narrated the _____ story of his adventure.

adj. exceptional, unexpected, very unusual; surpassing the ordinary or usual

ANSWERS: 136. engineer, 137. variant, 138. economy, 139. fluid, 140. typical, 141. engine, 142. lung, 143. extraordinary

144. The researcher separated the nervous _____ for microscopic examinations.
n. an ensemble of similar cells of the animal or plant that together carry out a specific function
145. The mathematician pioneered fractal _____.
n. the area of pure mathematics that deals with the points, lines, curves, and surfaces
146. Our company is an _____ component supplier to motor manufacturers.
adj. of or relating to motor vehicles
147. Departments may set requirements for a higher _____ point average.
n. a particular level of quality, size, importance, etc.
148. They had formed a friendship _____.
n. a close emotional connection between two or more people; a certificate of debt that a government or corporation issues to raise money
149. The _____ intelligence system has revolutionized the way we live and work.
adj. not natural and made by human beings; not real but produced to resemble something
150. His _____ speech about his struggles with addiction brought tears to the audience's eyes.
adj. causing strong emotions or feelings, especially sadness or sympathy

ANSWERS: 144. tissue, 145. geometry, 146. automotive, 147. grade, 148. bond, 149. artificial, 150. moving