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Vocabulary Builder Reference from...

Michael Rubinstein: See invisible motion, hear silent sounds | TED Talk

https://www.ted.com/talks/michael_rubinstein_see_in visible motion hear silent sounds



All Words

IMPORTANT

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Session 1: Word List

microscope

 an instrument used to see objects or substances that are too small to be seen with the naked eye

synonym: lens, magnifier, eyepiece

(1) microscope slide, (2) electron microscope

I used an optical **microscope** to observe the small organisms in the water sample.

revolution

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.

rev

n. a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute

synonym: revolution, RPM, speed

(1) low- rev engine, (2) rev up the crowd

He stepped on the gas pedal, and the engine released a loud rev.

structure

 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.

tremendous

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

synonym: enormous, giant, immense

(1) **tremendous** amount, (2) **tremendous** popularity We had a **tremendous** time yesterday.

contribution

n. the act of giving something, especially money, to a particular cause or organization; a voluntary gift as of money or service or ideas made to some worthwhile cause

synonym: donation, gift, offering

(1) make a positive **contribution**, (2) **contribution** to society

His **contribution** to the charity was a generous donation of money.

introduction

n. a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market

synonym: initiation, preamble, prologue

introduction education, (2) self- introduction
 The introduction to the new class was informative and engaging.

optics

- n. the academic study of vision and light
- (1) optics technology, (2) fiber optics

Einstein's new optics theory transformed traditional scientific

notions about light.

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.

slightly

adv. in a small degree or extent; a littlesynonym: barely, narrowly, scarcely

(1) increase **slightly**, (2) **slightly** alkaline soils He moved his body **slightly** to the left.

incredibly

adv. in a way that is very difficult to believe; exceedingly or extremely

synonym: enormously, exceptionally, extraordinarily

(1) **incredibly** cheerful character, (2) get **incredibly** insecure

Several cities are experiencing **incredibly** high unemployment rates.

subtle

adj. not readily apparent or visible synonym: slight, nuanced, exquisite

(1) subtle changes, (2) a subtle poison

A famous artist painted the room in a subtle pink hue.

static

adj. not moving or not capable of moving, not changing or not capable of changing

synonym: immobile, unchanging, fixed

(1) static electricity, (2) static website

The **static** image on the screen took a lot of work to make out.

out.

suddenly

adv. quickly and unexpectedly

synonym: abruptly, unexpectedly, unawares

(1) **suddenly** attacked by an enemy, (2) die **suddenly** Who answers **suddenly** knows little.

magnify

v. to make something look bigger than it really is, especially by looking at it through a lens; to make something bigger, stronger, or louder

synonym: enlarge, elaborate, intensify

(1) **magnify** the danger, (2) **magnify** the image for display Terrorists often attempt to **magnify** the economic impact of their acts of destruction.

visible

adj. capable of being seen; or open to easy view

synonym: clear, observable, seeable

(1) visible stars, (2) visible by X-ray

My home is easily **visible** from the shore.

pulse

n. the regular heartbeat as it sends blood around the body, especially when it is felt at the wrist or side of the neck; a solid regular vibration of sound, electric current, light, or other waves

synonym: beat, vibration, throb

(1) a weak **pulse**, (2) **pulse** waves

The cardiac monitor displays the intensity of your pulse.

visualize

v. to form a mental image or concept of something; to make something visible

synonym: imagine, picture, envision

(1) **visualize** data, (2) **visualize** flying through space She tried to **visualize** the layout of the new house in her mind.

recover

- v. to return to a former condition, health, mind, or strength synonym: come back, convalesce, heal
- (1) recover a loss, (2) recover approval ratings

She is still **recovering** from a shot to her shoulder.

patient

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

synonym: client, recipient, subject

- (1) **patient** in the hospital, (2) **patient** with weight loss The doctor carefully examined the **patient's** medical history.

extract

a short passage taken from a book, piece of music, etc.; n. a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force

synonym: excerpt, quote, distillation

(1) a brief extract from the book, (2) botanical extract Anesthetize the gum before **extracting** the teeth.

neonatal

adj. relating to the first few weeks after birth; pertaining to newborn infants

synonym: newborn, infant, baby

(1) **neonatal** care, (2) **neonatal** jaundice

The **neonatal** unit at the hospital specializes in caring for premature babies.

accurate

adj. correct and exact in all details

synonym: exact, precise, proper

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

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

monitor

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

synonym: proctor, check, observe

(1) **monitor** an exam, (2) **monitor** the data carefully They used a special receiver to **monitor** police radio channels.

essentially

adv. relating to the essential features or concepts of anything synonym: fundamentally, basically, virtually

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

clip

 a small metal or plastic device used for holding an object or objects together or in place; a short part of electronic media, either an audio clip or video clip

synonym: buckle, hook, pin

(1) tie clip, (2) short video clip

He fastens some sheets of paper with a **clip**.

Christ

 the man that Christians believe is the prophet and the son of God, and whose life and sermons form the basis for Christianity

synonym: Savior, Jesus Christ, Jesus

(1) teaching of **Christ**, (2) before **Christ**

Christmas is the day to celebrate the birth of Christ.

bale

 a large bundle of goods such as cotton, hay, or paper; a bundle of goods used to weigh a product, especially wool, hay, etc

synonym: bundle, package, shipment

(1) square **bale**, (2) **bale** of cotton

The farmer stacked the hay **bales** in the barn to keep them dry.

presumably

 adv. believed to be true or likely based on the available evidence, or supposed to be the case without definite proof

synonym: likely, seemingly, supposedly

(1) **presumably** accurate, (2) **presumably** refuse the offer The witness's testimony was **presumably** based on what he had seen and heard.

makeup

 colored substances used on someone's face to improve or change their appearance synonym: maquillage, composition, cosmetic

(1) **makeup** artist, (2) take the **makeup** off her face Her beauty resulted from a good night's sleep rather than **makeup**.

analyze

v. to think about in-depth and evaluate to discover essential features or meaning

synonym: explore, examine, investigate

(1) **analyze** a chemical compound, (2) **analyze** your real motives

The teacher attempted to **analyze** the root cause of our mistake.

pixel

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

synonym: dot, point, picture element

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

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

crank

 a mechanical device that converts rotary motion into linear motion or vice versa; an eccentric or unpredictable person

synonym: eccentric, oddball, kook

(1) crank handle, (2) crank caller

The fishing reel had a **crank** that made it easy to reel in the catch.

tricky

adj. requiring care and skill because challenging to do or deal with

synonym: thorny, problematic, crafty

(1) **tricky** problem, (2) a **tricky** recipe to follow

We have discussed the entirety of this **tricky** problem.

separate

v. to force, take, or pull apart; mark as different synonym: disunite, isolate, ramify

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

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

technique

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.

amplify

- v. to enhance something, particularly sound or brightness synonym: intensify, boost, argument
- (1) **amplify** a signal, (2) **amplify** the effect You might need to **amplify** this point.

enhance

v. to increase or improve the quality, amount, or strength of someone or something

synonym: improve, enrich, refine

(1) **enhance** value, (2) **enhance** the flavor of the vanilla The new strategy will **enhance** the profitability of our company.

asleep

adj. in a state of sleep

synonym: sleeping, fallen, at rest

(1) **asleep** at the wheel, (2) dead **asleep** He lay down and fell **asleep** immediately.

side-by-side

adj. describing two or more things that are positioned next to each other, in close proximity, and typically in a parallel manner; (adverb) next to each other, with one thing positioned close to the other

synonym: adjacent, parallel, adjoining

(1) **side-by-side** comparison, (2) working **side-by-side**The **side-by-side** comparison of the two products revealed

significant differences in quality and features.

comparison

n. the consideration or examination of the similarities between two or more people or things

synonym: equivalence, analogy, contrast

(1) ease of **comparison**, (2) **comparison** of foods on a caloric basis

I've included the two designs for a **comparison**.

phenomenon

something that exists and can be perceptible, especially one that is not fully understood

synonym: marvel, wonder, splendor

(1) natural **phenomenon**, (2) historical **phenomenon** A rainbow is a natural **phenomenon**.

vein

 a blood vessel that carries blood from various parts of the body back to the heart; a mineral deposit or layer of rock that is contained within another rock formation

synonym: artery, blood vessel, capillary

(1) spider vein, (2) collapsed vein

The nurse inserted the needle into the **vein** in his arm to draw blood.

artery

one of the thick tubes in humans and most other animals that takes blood away from the heart to one or more parts of the body such as tissues, lungs, brain, etc.

synonym: blood vessel, channel, roadway

(1) **artery** blockage, (2) risk of coronary **artery** disease Continuous consumption of fatty foods leads to the hardening of the **artery**.

constantly

adv. all the time

synonym: continuously, always, frequently

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

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

wobble

v. to move or shake unsteadily from side to side or up and down

synonym: sway, rock, totter

(1) **wobble** a few steps, (2) **wobble** chair

The table **wobbled** a little when I put my drink on it.

facial

adj. of or relating to a person's face synonym: forward, front, surface

(1) facial nerve, (2) facial expressions

Facial profiling is a new form of airport security.

emotion

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

synonym: feeling, sentiment, passion

(1) control my **emotion**, (2) afraid to show **emotion**Some **emotions** are common across cultures and backgrounds.

mechanical

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

synonym: machinelike, automated, automatic

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

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

movement

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

synonym: motion, progression, action

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

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

vibration

n. a continuous quick and slight shaking movementsynonym: oscillation, fluctuation, reverberation

protection against vibration, (2) sympathetic vibration
 Vibration displaced part of the mechanism.

engine

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

synonym: motor, locomotive, driver

a steam engine,
 an air-cooled engine
 the policies he announces can be the engine of economic growth in the country.

engineer

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

synonym: architect, creator, builder

a civil engineer,
 engineer shortage
 engineer will repair my telephone tomorrow morning.

detect

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

synonym: catch, observe, notice

(1) **detect** a bad event, (2) **detect** smuggling across borders. The security camera has **detected** four intruders.

diagnose

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

synonym: identify, analyze, interpret

(1) **diagnose** the problem, (2) **diagnose** with CT scans This device is used to **diagnose** brain cancer and other tumors.

machinery

 a group of large machines or the components of a machine that make it work; social institution functions or structure for doing something

synonym: apparatus, appliance, equipment

heavy machinery, (2) inactive machinery
 The machinery of audit formally issued a business

improvement order.

sway

v. to move back and forth or side to side gently, often in response to external factors such as wind or water; to influence or persuade someone to do something; to control or dominate something

synonym: swing, oscillate, influence

(1) **sway** back and forth, (2) **sway** to the rhythm

The politician tried to **sway** public opinion in his favor, but his arguments fell flat.

react

v. to take action in response to something

synonym: respond, reply, oppose

(1) **react** at a high temperature, (2) **react** against his way of thinking

How did he **react** to your idea?

discovery

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

synonym: finding, uncovering, detection

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

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

experiment

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

synonym: experimentation, investigation

(1) **experiment** design, (2) series of **experiments** His **experiments** showed highly positive results.

collaborate

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

synonym: cooperate, unite, get together

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

She agreed to collaborate with him in creating new artwork.

quantum

- the smallest amount or unit of something, especially (electromagnetic) energy
- (1) probabilistic **quantum** theory, (2) laws of **quantum** mechanics

Big techs are now eager to develop quantum computers.

upload

 to transfer digital data or files from a local computer or device to a remote server or network; the act of transferring such data or files

synonym: transfer, load up

upload files, (2) upload documents to the portal
 need to upload these pictures to my computer to edit them.

belly

n. the front part of the body below the chest, containing the stomach and bowels; the rounded or curved part of an object, such as a ship or aircraft

synonym: stomach, abdomen, gut

(1) the **belly** of the ship, (2) with an empty **belly** She had a tattoo just above her **belly** button.

pregnant

- *adj.* having a baby or young animal developing in the uterus *synonym*: expectant
- (1) needs of **pregnant** women, (2) a silence **pregnant** with suspense

She vacated the position when she got **pregnant**.

creepy

adj. causing an uneasy feeling of fear or unease *synonym*: eerie, unsettling, spooky

(1) feel **creepy**, (2) **creepy** atmosphere

The old, abandoned house was **creepy** and gave me the chills.

guinea

 a former British gold coin worth 21 shillings or a unit of currency used in some West African countries; (Guinea) a republic in western Africa on the Atlantic

synonym: coin, money, currency

(1) guinea coins, (2) guinea pig

The cost of the antique vase is three **guineas**.

apparently

adv. based on what you have heard or read synonym: evidently, obviously, supposedly

(1) **apparently** simple, (2) **apparently** unrelated The police **apparently** believed this explanation was plausible.

claim

v. to assert that something is true; to demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or something that one believes to be true

synonym: assert, declare, maintain

(1) claim responsibility, (2) false claim

He wants to **claim** ownership of the abandoned property.

rodent

 a small, gnawing mammal, such as a mouse, rat, or squirrel, that has sharp incisors and typically has a long, thin tail

synonym: mouse, rat, hamster

(1) **rodent** repellent, (2) prevent **rodent** damage He set up a trap to catch the **rodent**.

creative

 adj. relating to or involving the use of skill and original and unusual ideas to create something

synonym: imaginative, innovative, inventive

(1) **creative** writing, (2) barren of **creative** spirit All the supervisor has to do is assign tasks that make his subordinates more **creative**.

redefine

v. to change the meaning or interpretation of something; to make people think about something in a new or different way

synonym: reconsider, reformulate, alter

(1) **redefine** customer experience, (2) **redefine** our role The video telephony application has **redefined** the way we work.

visual

adj. relating to seeing or sight

synonym: optical, graphical, visible

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

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

demonstrate

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

synonym: show, illustrate, display

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

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

singe

v. to burn something slightly or superficially, usually by mistake

synonym: sear, char, burn

(1) **singe** off the hair over the flames, (2) **singe** the edges of

a fabric

I didn't realize the iron was still hot and singed my dress.

humming

adj. producing a continuous, low, vibrating sound like that of the bee

synonym: buzzing, droning, vibrating

(1) humming sound, (2) humming bird

The **humming** of the bees filled the air as she walked through the garden.

ripple

 a small wave on the surface of a liquid, typically caused by an object falling into it or a slight wind

synonym: wave, undulation, fluctuation

(1) a **ripple** of laughter, (2) **ripple** in the water

Many businesses felt the **ripple** effect of the economy's decline.

involve

v. to include or affect someone or something as a necessary part of something else

synonym: implicate, include, engage

(1) involve a lot of paperwork, (2) involve a high degree of

risk

The investigation **involves** several government agencies and is expected to take several months.

resonance

 a deep, full, or reverberating sound or tone; a quality or feeling of a particular emotional or mental vibration or significance; a mutual or sympathetic connection or correspondence between two things

synonym: echo, vibration, reverberation

(1) **resonance** frequency, (2) harmonic **resonance** The singer's voice filled the auditorium with beautiful **resonance**.

frequency

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

synonym: recurrence, repetition, regularity

(1) frequency band, (2) high frequency

The oscillator hunts for the correct **frequency**.

loudspeaker

 an electronic device that amplifies sound, typically used to address a large audience or to play music or other audio content in public areas

synonym: speaker, loudhailer, megaphone

(1) wireless **loudspeaker**, (2) **loudspeaker** system

The teacher spoke through the **loudspeaker** so that every student could hear the announcement.

vibrate

 to move or cause anything to move fast and in small increments from side to side

synonym: oscillate, convulse, jerk

(1) **vibrate** at a regular frequency, (2) **vibrate** with anger During the flight, the wings of the plane **vibrate**.

resonate

v. to be filled with a deep echoing sound

synonym: echo, reverberate, resound

(1) deeply **resonate** with the consumers, (2) **resonate** in the same frequency

The sound **resonates** well in this theater.

crazy

adj. stupid or not sensible; very angrysynonym: insane, absurd, bizarre

(1) **crazy** about cars and racing, (2) a **crazy** scheme The rain and thunder are **crazy** today.

invert

- to turn something upside down, inside out; to reverse the position, order, or relationship of something
- synonym: turn upside down, reverse, flip

(1) invert a glass, (2) invert position

He decided to **invert** his investment portfolio, shifting from stocks to bonds.

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.

microphone

- a device that converts sound into an electrical signal used for recording sounds or making the voice louder
 synonym: mic, megaphone, amplifier
- microphone cable, (2) built-in microphone
 The interviewer asked him to speak into the microphone.

chip

- n. a small fragment of something broken off from the whole; a long and thin piece of potato fried in oil or fat synonym: flake, fragment, chunk
- (1) a **chip** of wood, (2) I don't care a **chip**We can use this campaign as a bargaining **chip** in the negotiations.

lamb

- a young sheep; the flesh of a young domestic sheep eaten as food
- (1) the meat of lamb, (2) sacrifice a lamb

His dog is as gentle as a lamb.

micrometer

 a tool for measuring small distances or dimensions, typically accurate to within one-thousandth of a millimeter

synonym: caliper, measuring gauge

(1) micrometer gauge, (2) vernier micrometer

The scientist used a digital **micrometer** to measure the exact thickness of the material.

observe

 to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion

synonym: watch, monitor, scrutinize

(1) **observe** a tradition, (2) **observe** wildlife

It is important to **observe** safety procedures in the workplace to prevent accidents.

bounce

v. to cause to move up or away after hitting a surface; to spring back

synonym: bound, leap, spring

(1) **bounce** across the floor, (2) **bounce** back from failure They will **bounce** between various emotional states.

fleece

 a soft, thick, and fluffy layer of fiber that forms the coat of a sheep or similar animal; (verb) to shear the wool from a sheep or similar woolly animal

synonym: wool, fur, pelt

(1) fleece material, (2) fluffy fleece

She wore a **fleece** jacket to stay warm in the chilly weather.

phonograph

 an early sound-reproducing machine that plays audio recordings, typically in the form of cylindrical or disc-shaped records; often referred to as an early version of the record player or gramophone

synonym: gramophone, record player, vinyl player

(1) antique **phonograph**, (2) portable **phonograph**My grandparents used to listen to their favorite songs on the vinyl **phonograph**.

device

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

synonym: gadget, instrument, tool

(1) electronic **device**, (2) tracking **device**I always carry a backup **device** in case my phone runs out of battery.

diaphragm

n. a large, dome-shaped muscle located at the bottom of the chest cavity, essential for breathing and separating the chest and abdomen; a shallow, dome-shaped device with a flexible rim that is inserted into the vagina to cover the cervix and prevent sperm from reaching the uterus, serving as a method of birth control

synonym: midriff, pessary, shield

- (1) **diaphragm** birth control, (2) **diaphragm** activity Individuals with a weak **diaphragm** may experience difficulty breathing during physical activity.
- a thin, pointed object typically used for sewing or medical purposes; a metal or plastic instrument used for administering injections or drawing blood

synonym: thorn, spike, pin

(1) needle prick, (2) sewing needle

The acupuncturist inserted **needles** into specific points on my body to alleviate my pain.

engrave

 to carve, cut, or etch a design, message, or image onto a surface, often using a sharp tool or laser; to permanently record or mark something in a lasting manner

synonym: carve, inscribe, etch

(1) engrave initials, (2) engrave metal

needle

He wanted to **engrave** his wedding ring with their initials as a lasting symbol of their love.

tinfoil

 metal made into very thin sheets that is used mainly for wrapping something such as food

synonym: aluminum foil

(1) tinfoil hat, (2) a sheet of tinfoil

To make roast beef, you need to wrap it in **tinfoil** and roast the meat in the oven for several minutes.

wrap

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

synonym: surround, cover, bandage

(1) **wrap** a fish in foil, (2) **wrap** up a meeting **Wrap** the bandage tightly around the injured arm.

cylinder

- a solid or hollow geometric figure with two round ends and long straight sides, or an object shaped like this
- (1) a six- **cylinder** engine, (2) a ventilation **cylinder** The gas was trapped inside the **cylinders** under high pressure.

demonstration

- a display or show, often of a particular skill or product, intended to convince or persuade others
- synonym: manifestation, presentation, show
- (1) **demonstration** project, (2) a campus **demonstration** Thousands of people attended the protest **demonstration** against the proposed policy.

replay

v. play something, such as a recording, a piece of music, or a game again

synonym: repeat, play again, go over again

(1) replay the game, (2) replay in my mindHe pushed the button and replayed the video again.

soundproof

to make a room or other enclosed space impervious to sound by reducing the transmission of sound through its

walls or floor and ceiling; (adjective, of a building) not allowing sound to pass through it

synonym: insulate, muffle, dampen

(1) **soundproof** room, (2) **soundproof** material

The walls of the recording studio were **soundproofed** to eliminate outside noise.

surveillance

 the act of carefully monitoring a person suspected of a crime or a place where a crime may be committed or expected

synonym: administration, overseeing, control

(1) he is kept under **surveillance**, (2) **surveillance** cameras. The novel contains a criticism of the **surveillance** society.

collaboration

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

synonym: affiliation, alliance, coalition

(1) **collaboration** between companies, (2) **collaboration** platform

The partnership program requires a mutual **collaboration** between both agencies.

encourage

v. to give someone support, confidence, or hope; to persuade someone to do or continue to do something by making it easier for them and making them believe it is a good thing to do

synonym: facilitate, persuade, stimulate

(1) **encourage** a sense of affinity, (2) **encourage** antisocial behavior

They **encouraged** customers with a premium for loyal patronage.

Session 2: Spelling

1.	vize flying through space	v.	to form a mental image or concept of something; to make something visible
2.	series of expnts	n.	the scientific test conducted to observe what happens and gain new knowledge
3.	ary blockage	n.	one of the thick tubes in humans and most other animals that takes blood away from the heart to one or more parts of the body such as tissues, lungs brain, etc.
4.	ine a high degree of risk	v.	to include or affect someone or something as a necessary part of something else
5.	frcy band	n.	an ordered array of colors into which a light beam can be split
6.	rene customer experience	v.	to change the meaning or interpretation of something; to make people think about something in a new or different way
7.	cry about cars and racing	adj.	stupid or not sensible; very angry
8.	vie stars	adj.	capable of being seen; or open to easy view
9.	spider vn	n.	a blood vessel that carries blood from various parts of the body back to the heart; a mineral deposit or layer of rock that is contained within another rock formation

ANSWERS: 1. visualize, 2. experiment, 3. artery, 4. involve, 5. frequency, 6. redefine, 7. crazy, 8. visible, 9. vein

10.	viI navigation	adj.	relating to seeing or sight
11.	a weak pue	n.	the regular heartbeat as it sends blood around the body, especially when it is felt at the wrist or side of the neck; a solid regular vibration of sound, electric current, light, or other waves
12.	colte on a press release	<i>v</i> .	to work with someone else to produce or achieve something
13.	expnt design	n.	the scientific test conducted to observe what happens and gain new knowledge
14.	field of viI arts	adj.	relating to seeing or sight
15.	ane a chemical compound	<i>v</i> .	to think about in-depth and evaluate to discover essential features or meaning
16.	natural pheon	n.	something that exists and can be perceptible, especially one that is not fully understood
17.	ret at a high temperature	<i>v</i> .	to take action in response to something
18.	a political revon	n.	a large-scale attempt to overthrow the government of a country, often using violence or war;
19.	try problem	adj.	requiring care and skill because challenging to do or deal with
20.	gua coins	n.	a former British gold coin worth 21 shillings or a unit of currency used in some West African countries; (Guinea) a republic in western Africa on the Atlantic
21.	map artist	n.	colored substances used on someone's face to improve or change their appearance

ANSWERS: 10. visual, 11. pulse, 12. collaborate, 13. experiment, 14. visual, 15. analyze, 16. phenomenon, 17. react, 18. revolution, 19. tricky, 20. guinea, 21. makeup

22.	ene metal	ν.	to carve, cut, or etch a design, message, or image onto a surface, often using a sharp tool or laser; to permanently record or mark something in a lasting manner
23.	treus popularity	adj.	very great in degree or extent or amount or impact; extremely good
24.	a sheet of tiI	n.	metal made into very thin sheets that is used mainly for wrapping something such as food
25.	essly correct	adv.	relating to the essential features or concepts of anything
26.	micne cable	n.	a device that converts sound into an electrical signal used for recording sounds or making the voice louder
27.	dise with CT scans	v.	to determine or distinguish the nature of a problem or an illness through a careful analysis
28.	feel cry	adj.	causing an uneasy feeling of fear or unease
29.	woe chair	<i>v</i> .	to move or shake unsteadily from side to side or up and down
30.	sete cream from milk	<i>v</i> .	to force, take, or pull apart; mark as different
31.	a scientific diry	n.	the act or process of finding information, a place, or an object, or learning about something that was previously not known
32.	short video cp	n.	a small metal or plastic device used for holding an object or objects together or in place; a short part of electronic media, either an audio clip or video clip

ANSWERS: 22. engrave, 23. tremendous, 24. tinfoil, 25. essentially, 26. microphone, 27. diagnose, 28. creepy, 29. wobble, 30. separate, 31. discovery, 32. clip

а

33.	a sue poison	adj.	not readily apparent or visible
34.	dise the problem	v.	to determine or distinguish the nature of a problem or an illness through a careful analysis
35.	he is kept under surnce	n.	the act of carefully monitoring a person suspected of a crime or a place where a crime may be committed or expected
36.	make a positive conion	n.	the act of giving something, especially money, to a particular cause or organization; a voluntary gift as of money or service or ideas made to some worthwhile cause
37.	demte a difference	<i>v</i> .	to display something or give an exhibition to an interested audience
38.	false clm	ν.	to assert that something is true; to demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or something that one believes to be true
39.	int a glass	<i>v</i> .	to turn something upside down, inside out; to reverse the position, order, or relationship of something
40.	botanical ext	n.	a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force

ANSWERS: 33. subtle, 34. diagnose, 35. surveillance, 36. contribution, 37. demonstrate, 38. claim, 39. invert, 40. extract

41.	louer system	n.	an electronic device that amplifies sound, typically used to address a large audience or to play music or other audio content in public areas
42.	int position	v.	to turn something upside down, inside out; to reverse the position, order, or relationship of something
43.	vie with anger	<i>v</i> .	to move or cause anything to move fast and in small increments from side to side
44.	get incly insecure	adv.	in a way that is very difficult to believe; exceedingly or extremely
45.	surnce cameras	n.	the act of carefully monitoring a person suspected of a crime or a place where a crime may be committed or expected
46.	neal jaundice	adj.	relating to the first few weeks after birth; pertaining to newborn infants
47.	cry atmosphere	adj.	causing an uneasy feeling of fear or unease
48.	harmonic rece	n.	a deep, full, or reverberating sound or tone; a quality or feeling of a particular emotional or mental vibration or significance; a mutual or sympathetic connection or correspondence between two things
49.	sue changes	adj.	not readily apparent or visible
50.	colte with the police	<i>v</i> .	to work with someone else to produce or achieve something
51.	sie off the hair over the flames	ν.	to burn something slightly or superficially, usually by mistake

ANSWERS: 41. loudspeaker, 42. invert, 43. vibrate, 44. incredibly, 45. surveillance, 46. neonatal, 47. creepy, 48. resonance, 49. subtle, 50. collaborate, 51. singe

52.	nee prick	n.	a thin, pointed object typically used for sewing or medical purposes; a metal or plastic instrument used for administering injections or drawing blood
53.	electron micpe	n.	an instrument used to see objects or substances that are too small to be seen with the naked eye
54.	a conly innovative enterprise	adv.	all the time
55.	square be	n.	a large bundle of goods such as cotton, hay, or paper; a bundle of goods used to weigh a product, especially wool, hay, etc
56.	rie in the water	n.	a small wave on the surface of a liquid, typically caused by an object falling into it or a slight wind
57.	treus amount	adj.	very great in degree or extent or amount or impact; extremely good
58.	heavy mary	n.	a group of large machines or the components of a machine that make it work; social institution functions or structure for doing something
59.	vize data	v.	to form a mental image or concept of something; to make something visible
60.	r_v up the crowd	n.	a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute

ANSWERS: 52. needle, 53. microscope, 54. constantly, 55. bale, 56. ripple, 57. tremendous, 58. machinery, 59. visualize, 60. rev

61.	a six-cyer engine	n.	a solid or hollow geometric figure with two round ends and long straight sides, or an object shaped like this
62.	obe a tradition	<i>v</i> .	to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion
63.	stc electricity	adj.	not moving or not capable of moving, not changing or not capable of changing
64.	the teue applied to construction	n.	a particular way or art of doing something that needs skill
65.	incly cheerful character	adv.	in a way that is very difficult to believe; exceedingly or extremely
66.	wp a fish in foil	<i>v</i> .	to cover or enclose something entirely with paper, cloth, or other material
67.	sete video into chapter	<i>v</i> .	to force, take, or pull apart; mark as different
68.	det smuggling across borders	ν.	to find or recognize something, especially something difficult to see, hear, etc.
69.	ene the flavor of the vanilla	v.	to increase or improve the quality, amount, or strength of someone or something
70.	mor the data carefully	<i>v</i> .	to observe, check, and track the progress or quality of something over a period of time
71.	an air-cooled ene	n.	a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose

ANSWERS: 61. cylinder, 62. observe, 63. static, 64. technique, 65. incredibly, 66. wrap, 67. separate, 68. detect, 69. enhance, 70. monitor, 71. engine

72. gua pig	n.	a former British gold coin worth 21 shillings or a unit of currency used in some West African countries; (Guinea) a republic in western Africa on the Atlantic
73. digm birth control	n.	a large, dome-shaped muscle located at the bottom of the chest cavity, essential for breathing and separating the chest and abdomen; a shallow, dome-shaped device with a flexible rim that is inserted into the vagina to cover the cervix and prevent sperm from reaching the uterus, serving as a method of birth control
74. mont of troops	n.	a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
75. wp up a meeting	v.	to cover or enclose something entirely with paper, cloth, or other material
76. a conly varying mind	adv.	all the time
77. sidide comparison	adj.	describing two or more things that are positioned next to each other, in close proximity, and typically in a parallel manner; (adverb) next to each other, with one thing positioned close to the other
78. teaching of Cht	n.	the man that Christians believe is the prophet and the son of God, and whose life and sermons form the basis for Christianity
ANSWERS: 72. guinea, 73. diaphragm, 74 side-by-side, 78. Christ	. mc	evement, 75. wrap, 76. constantly, 77.

79.	crve writing	adj.	relating to or involving the use of skill and original and unusual ideas to create something
80.	prs 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
81.	beginning of the industrial revon	n.	a large-scale attempt to overthrow the government of a country, often using violence or war;
82.	deeply rete with the consumers	<i>v</i> .	to be filled with a deep echoing sound
83.	amy a signal	v.	to enhance something, particularly sound or brightness
84.	obe wildlife	v.	to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion
85.	ene initials	ν.	to carve, cut, or etch a design, message, or image onto a surface, often using a sharp tool or laser; to permanently record or mark something in a lasting manner
86.	faI nerve	adj.	of or relating to a person's face
87.	high frcy	n.	an ordered array of colors into which a light beam can be split
Λ N I	SMEDS: 70 propries 90 propose 91	rovo	lution 92 recents 92 amplify 94

ANSWERS: 79. creative, 80. process, 81. revolution, 82. resonate, 83. amplify, 84. observe, 85. engrave, 86. facial, 87. frequency

88.	digm activity	n.	a large, dome-shaped muscle located at the bottom of the chest cavity, essential for breathing and separating the chest and abdomen; a shallow, dome-shaped device with a flexible rim that is inserted into the vagina to cover the cervix and prevent sperm from reaching the uterus, serving as a method of birth control
89.	provide acte information	adj.	correct and exact in all details
90.	stc website	adj.	not moving or not capable of moving, not changing or not capable of changing
91.	the stre of a machine	n.	the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
92.	working sidide	adj.	describing two or more things that are positioned next to each other, in close proximity, and typically in a parallel manner; (adverb) next to each other, with one thing positioned close to the other
93.	apply unrelated	adv.	based on what you have heard or read
94.	probabilistic qum theory	n.	the smallest amount or unit of something, especially (electromagnetic) energy
95.	decision-making prs	n.	a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

ANSWERS: 88. diaphragm, 89. accurate, 90. static, 91. structure, 92. side-by-side, 93. apparently, 94. quantum, 95. process

96. rey the game	<i>v</i> .	play something, such as a recording, a piece of music, or a game again
97. increase slly	adv.	in a small degree or extent; a little
98. intion education	n.	a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market
99. a silence prnt with suspense	adj.	having a baby or young animal developing in the uterus
100. colion platform	n.	the act or situation of working together to create or produce something
101. acte measurements	adj.	correct and exact in all details
102. needs of prnt women	adj.	having a baby or young animal developing in the uterus
103. vie by X-ray	adj.	capable of being seen; or open to easy view
104. rer a loss	<i>v</i> .	to return to a former condition, health, mind, or strength
105. boe back from failure	<i>v</i> .	to cause to move up or away after hitting a surface; to spring back
106. vernier micer	n.	a tool for measuring small distances or dimensions, typically accurate to within one-thousandth of a millimeter
107. a teue in martial arts	n.	a particular way or art of doing something that needs skill
108. hug sound	adj.	producing a continuous, low, vibrating sound like that of the bee

ANSWERS: 96. replay, 97. slightly, 98. introduction, 99. pregnant, 100. collaboration, 101. accurate, 102. pregnant, 103. visible, 104. recover, 105. bounce, 106. micrometer, 107. technique, 108. humming

109. demion project	n.	a display or show, often of a particular skill or product, intended to convince or persuade others
110. colion between companies	n.	the act or situation of working together to create or produce something
111. dead asp	adj.	in a state of sleep
112. a rie of laughter	n.	a small wave on the surface of a liquid, typically caused by an object falling into it or a slight wind
113. the great diry of the century	n.	the act or process of finding information, a place, or an object, or learning about something that was previously not known
114. built-in micne	n.	a device that converts sound into an electrical signal used for recording sounds or making the voice louder
115. det a bad event	v.	to find or recognize something, especially something difficult to see, hear, etc.
116. may the danger	v.	to make something look bigger than it really is, especially by looking at it through a lens; to make something bigger, stronger, or louder
117. faI expressions	adj.	of or relating to a person's face
118. tie cp	n.	a small metal or plastic device used for holding an object or objects together or in place; a short part of electronic media, either an audio clip or video clip

ANSWERS: 109. demonstration, 110. collaboration, 111. asleep, 112. ripple, 113. discovery, 114. microphone, 115. detect, 116. magnify, 117. facial, 118. clip

119. may the image for display	v.	to make something look bigger than it really is, especially by looking at it through a lens; to make something bigger, stronger, or louder
120. prely accurate	adv.	believed to be true or likely based on the available evidence, or supposed to be the case without definite proof
121. sie the edges of a fabric	<i>v</i> .	to burn something slightly or superficially, usually by mistake
122. I don't care a cp	n.	a small fragment of something broken off from the whole; a long and thin piece of potato fried in oil or fat
123. cot fat into energy	<i>v</i> .	to have a talk with someone; (adjective) reversed in order, relation, or action
124. a cp of wood	n.	a small fragment of something broken off from the whole; a long and thin piece of potato fried in oil or fat
125. self-intion	n.	a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market
126. prevent rot damage	n.	a small, gnawing mammal, such as a mouse, rat, or squirrel, that has sharp incisors and typically has a long, thin tail
127. rey in my mind	<i>v</i> .	play something, such as a recording, a piece of music, or a game again
128. re t against his way of thinking	ν.	to take action in response to something

ANSWERS: 119. magnify, 120. presumably, 121. singe, 122. chip, 123. convert, 124. chip, 125. introduction, 126. rodent, 127. replay, 128. react

129.	demte mastery	v.	to display something or give an exhibition to an interested audience
130.	the influence of mecal action	adj.	operated by a machine, relating to or concerned with machinery or tools
131.	comon of foods on a caloric basis	n.	the consideration or examination of the similarities between two or more people or things
132.	a brief ext from the book	n.	a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force
133.	fiber ops	n.	the academic study of vision and light
134.	a cry scheme	adj.	stupid or not sensible; very angry
135.	a ventilation cyer	n.	a solid or hollow geometric figure with two round ends and long straight sides, or an object shaped like this
136.	color pils	n.	the smallest unit of an image that can be displayed or manipulated electronically, typically a point of light on a computer screen or in a digital image
137.	prely refuse the offer	adv.	believed to be true or likely based on the available evidence, or supposed to be the case without definite proof
138.	ene value	<i>v</i> .	to increase or improve the quality, amount, or strength of someone or something

ANSWERS: 129. demonstrate, 130. mechanical, 131. comparison, 132. extract, 133. optics, 134. crazy, 135. cylinder, 136. pixel, 137. presumably, 138. enhance

139. cot base 10 to base 16	<i>v</i> .	to have a talk with someone; (adjective) reversed in order, relation, or action
140. neal care	adj.	relating to the first few weeks after birth; pertaining to newborn infants
141. enge antisocial behavior	<i>v</i> .	to give someone support, confidence, or hope; to persuade someone to do or continue to do something by making it easier for them and making them believe it is a good thing to do
142. rece frequency	n.	a deep, full, or reverberating sound or tone; a quality or feeling of a particular emotional or mental vibration or significance; a mutual or sympathetic connection or correspondence between two things
143. fluffy fle	n.	a soft, thick, and fluffy layer of fiber that forms the coat of a sheep or similar animal; (verb) to shear the wool from a sheep or similar woolly animal
144. souof material	ν.	to make a room or other enclosed space impervious to sound by reducing the transmission of sound through its walls or floor and ceiling; (adjective, of a building) not allowing sound to pass through it
145. upd files	ν.	to transfer digital data or files from a local computer or device to a remote server or network; the act of transferring such data or files
146. sympathetic vion	n.	a continuous quick and slight shaking movement

ANSWERS: 139. convert, 140. neonatal, 141. encourage, 142. resonance, 143. fleece, 144. soundproof, 145. upload, 146. vibration

147. protection against vion	n.	a continuous quick and slight shaking movement
148. enge a sense of affinity	v.	to give someone support, confidence, or hope; to persuade someone to do or continue to do something by making it easier for them and making them believe it is a good thing to do
149. a civil ener	n.	a person whose job is designing, building, or maintaining something such as machines, structures, or software
150. tracking dee	n.	a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
151. crk handle	n.	a mechanical device that converts rotary motion into linear motion or vice versa; an eccentric or unpredictable person
152. wireless louer	n.	an electronic device that amplifies sound, typically used to address a large audience or to play music or other audio content in public areas
153. electronic dee	n.	a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
154. souof room	v.	to make a room or other enclosed space impervious to sound by reducing the transmission of sound through its walls or floor and ceiling; (adjective, of a building) not allowing sound to pass through it

ANSWERS: 147. vibration, 148. encourage, 149. engineer, 150. device, 151. crank, 152. loudspeaker, 153. device, 154. soundproof

155. cl m responsibility to assert that something is true; to ν. demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or something that one believes to be true a small, gnawing mammal, such as a 156. ro___t repellent n. mouse, rat, or squirrel, that has sharp incisors and typically has a long, thin tail 157. barren of cr ve spirit adj. relating to or involving the use of skill and original and unusual ideas to create something a person whose job is designing, 158. en____er shortage n. building, or maintaining something such as machines, structures, or software 159. antique pho____ph an early sound-reproducing machine n. that plays audio recordings, typically in the form of cylindrical or disc-shaped records; often referred to as an early version of the record player or gramophone a machine that converts thermal energy 160. a steam en e n. to mechanical work; something that has an important role used to achieve a purpose 161. app____ly simple adv. based on what you have heard or read a measure of the rate at which an 162. low-r v engine engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of

ANSWERS: 155. claim, 156. rodent, 157. creative, 158. engineer, 159. phonograph, 160. engine, 161. apparently, 162. rev

rotations per minute

163. ease of comon	n.	the consideration or examination of the similarities between two or more people or things
164. control my emn	n.	a strong feeling such as love, anger, etc. deriving from one's situation, mood, or relationships with others
165. a mecal style of writing	adj.	operated by a machine, relating to or concerned with machinery or tools
166. fle material	n.	a soft, thick, and fluffy layer of fiber that forms the coat of a sheep or similar animal; (verb) to shear the wool from a sheep or similar woolly animal
167. sy to the rhythm	ν.	to move back and forth or side to side gently, often in response to external factors such as wind or water; to influence or persuade someone to do something; to control or dominate something
168. the meat of Ib	n.	a young sheep; the flesh of a young domestic sheep eaten as food
169. become essly same	adv.	relating to the essential features or concepts of anything
170. die suly	adv.	quickly and unexpectedly
171. pat in the hospital	n.	a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
172. afraid to show emn	n.	a strong feeling such as love, anger, etc. deriving from one's situation, mood, or relationships with others

ANSWERS: 163. comparison, 164. emotion, 165. mechanical, 166. fleece, 167. sway, 168. lamb, 169. essentially, 170. suddenly, 171. patient, 172. emotion

173. crk caller	n.	a mechanical device that converts rotary motion into linear motion or vice versa; an eccentric or unpredictable person
174. rene our role	ν.	to change the meaning or interpretation of something; to make people think about something in a new or different way
175. rete in the same frequency	v.	to be filled with a deep echoing sound
176. suly attacked by an enemy	adv.	quickly and unexpectedly
177. a campus demion	n.	a display or show, often of a particular skill or product, intended to convince or persuade others
178. be of cotton	n.	a large bundle of goods such as cotton, hay, or paper; a bundle of goods used to weigh a product, especially wool, hay, etc
179. sewing nee	n.	a thin, pointed object typically used for sewing or medical purposes; a metal or plastic instrument used for administering injections or drawing blood
180. with an empty bey	n.	the front part of the body below the chest, containing the stomach and bowels; the rounded or curved part of an object, such as a ship or aircraft
181. micpe slide	n.	an instrument used to see objects or substances that are too small to be seen with the naked eye

ANSWERS: 173. crank, 174. redefine, 175. resonate, 176. suddenly, 177. demonstration, 178. bale, 179. needle, 180. belly, 181. microscope

182. before Cht	n.	the man that Christians believe is the prophet and the son of God, and whose life and sermons form the basis for Christianity
183. risk of coronary ary disease	n.	one of the thick tubes in humans and most other animals that takes blood away from the heart to one or more parts of the body such as tissues, lungs, brain, etc.
184. hug bird	adj.	producing a continuous, low, vibrating sound like that of the bee
185. historical pheon	n.	something that exists and can be perceptible, especially one that is not fully understood
186. pat with weight loss	n.	a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
187. slly alkaline soils	adv.	in a small degree or extent; a little
188. portable phoph	n.	an early sound-reproducing machine that plays audio recordings, typically in the form of cylindrical or disc-shaped records; often referred to as an early version of the record player or gramophone
189. stre 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: 182. Christ, 183. artery, 184. h	numr	ning, 185. phenomenon, 186. patient,

187. slightly, 188. phonograph, 189. structure

190. upd documents to the portal	<i>v</i> .	to transfer digital data or files from a local computer or device to a remote server or network; the act of transferring such data or files
191. micer gauge	n.	a tool for measuring small distances or dimensions, typically accurate to within one-thousandth of a millimeter
192. laws of qum mechanics	n.	the smallest amount or unit of something, especially (electromagnetic) energy
193. a try recipe to follow	adj.	requiring care and skill because challenging to do or deal with
194. inactive mary	n.	a group of large machines or the components of a machine that make it work; social institution functions or structure for doing something
195. piI density	n.	the smallest unit of an image that can be displayed or manipulated electronically, typically a point of light on a computer screen or in a digital image
196. rer approval ratings	v.	to return to a former condition, health, mind, or strength
197. asp at the wheel	adj.	in a state of sleep
198. sacrifice a Ib	n.	a young sheep; the flesh of a young domestic sheep eaten as food
199. collapsed vn	n.	a blood vessel that carries blood from various parts of the body back to the heart; a mineral deposit or layer of rock that is contained within another rock formation

ANSWERS: 190. upload, 191. micrometer, 192. quantum, 193. tricky, 194. machinery, 195. pixel, 196. recover, 197. asleep, 198. lamb, 199. vein

200. conion to society	n.	the act of giving something, especially money, to a particular cause or organization; a voluntary gift as of money or service or ideas made to some worthwhile cause
201. tiI hat	n.	metal made into very thin sheets that is used mainly for wrapping something such as food
202. amy the effect	v.	to enhance something, particularly sound or brightness
203. ops technology	n.	the academic study of vision and light
204. sy back and forth	ν.	to move back and forth or side to side gently, often in response to external factors such as wind or water; to influence or persuade someone to do something; to control or dominate something
205. pue waves	n.	the regular heartbeat as it sends blood around the body, especially when it is felt at the wrist or side of the neck; a solid regular vibration of sound, electric current, light, or other waves
206. a circular mont	n.	a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
207. mor an exam	<i>v</i> .	to observe, check, and track the progress or quality of something over a period of time

ANSWERS: 200. contribution, 201. tinfoil, 202. amplify, 203. optics, 204. sway, 205. pulse, 206. movement, 207. monitor

- 208. in____e a lot of paperwork
- v. to include or affect someone or something as a necessary part of something else
- 209. an____e your real motives
- v. to think about in-depth and evaluate to discover essential features or meaning

210. wo___e a few steps

- v. to move or shake unsteadily from side to side or up and down
- 211. vi___e at a regular frequency
- v. to move or cause anything to move fast and in small increments from side to side
- 212. take the ma___p off her face
- colored substances used on someone's face to improve or change their appearance

213. bo___e across the floor

v. to cause to move up or away after hitting a surface; to spring back

214. the be__y of the ship

n. the front part of the body below the chest, containing the stomach and bowels; the rounded or curved part of an object, such as a ship or aircraft

ANSWERS: 208. involve, 209. analyze, 210. wobble, 211. vibrate, 212. makeup, 213. bounce, 214. belly

Session 3: Fill in the Blanks

1.	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
2.	a society is an organism.
ad	v. relating to the essential features or concepts of anything
3.	She had a tattoo just above her button.
n.	the front part of the body below the chest, containing the stomach and bowels; the rounded or curved part of an object, such as a ship or aircraft
4.	We can use this campaign as a bargaining in the negotiations.
n.	a small fragment of something broken off from the whole; a long and thin piece of potato fried in oil or fat
5.	Big techs are now eager to develop computers.
n.	the smallest amount or unit of something, especially (electromagnetic) energy
6.	I didn't realize the iron was still hot and my dress.
<i>v</i> .	to burn something slightly or superficially, usually by mistake
7.	The interviewer asked him to speak into the
n.	a device that converts sound into an electrical signal used for recording sounds or making the voice louder
8.	The security camera has four intruders.
v.	to find or recognize something, especially something difficult to see, hear, etc.
	SWERS: 1. engine, 2. Essentially, 3. belly, 4. chip, 5. quantum, 6. singed, 7. crophone, 8. detected

9.	My grandparents used to listen to their favorite songs on the vinyl
n.	an early sound-reproducing machine that plays audio recordings, typically in the form of cylindrical or disc-shaped records; often referred to as an early version of the record player or gramophone
10.	The will repair my telephone tomorrow morning.
n.	a person whose job is designing, building, or maintaining something such as machines, structures, or software
11.	He fastens some sheets of paper with a
n.	a small metal or plastic device used for holding an object or objects together or in place; a short part of electronic media, either an audio clip or video clip
12.	The cardiac monitor displays the intensity of your
n.	the regular heartbeat as it sends blood around the body, especially when it is felt at the wrist or side of the neck; a solid regular vibration of sound, electric current, light, or other waves
13.	The table a little when I put my drink on it.
v.	to move or shake unsteadily from side to side or up and down
14.	The nurse inserted the needle into the in his arm to draw blood.
n.	a blood vessel that carries blood from various parts of the body back to the heart; a mineral deposit or layer of rock that is contained within another rock formation
15.	The computer screen comprises thousands of tiny that create the overall picture.
n.	the smallest unit of an image that can be displayed or manipulated electronically, typically a point of light on a computer screen or in a digital image
	SWERS: 9. phonograph, 10. engineer, 11. clip, 12. pulse, 13. wobbled, 14. vein, pixels

ANSWERS: 16. separate, 17. magnify, 18. process, 19. ripple, 20. crank, 21. cylinders, 22. resonance

ANSWERS: 23. observe, 24. enhance, 25. resonates, 26. recovering, 27. Wrap, 28. invert, 29. amplify, 30. static

ANSWERS: 38. movement, 39. technique, 40. neonatal, 41. convert, 42. collaboration, 43. tricky, 44. discovery, 45. micrometer

- 53. He stepped on the gas pedal, and the engine released a loud ____.
- a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute

ANSWERS: 46. constantly, 47. structure, 48. pregnant, 49. tremendous, 50. frequency, 51. guineas, 52. loudspeaker, 53. rev

ANSWERS: 54. subtle, 55. presumably, 56. vibrate, 57. sway, 58. fleece, 59. crazy,

60. Christmas, 61. bales

ANSWERS: 62. diaphragm, 63. humming, 64. demonstrate, 65. visualize, 66. visible, 67. side-by-side, 68. bounce, 69. optics

ANSWERS: 70. collaborate, 71. creepy, 72. soundproofed, 73. asleep, 74. Vibration, 75. rodent, 76. upload, 77. involves

something that exists and can be perceptible, especially one that is not fully understood 79. They _____ customers with a premium for loyal patronage. to give someone support, confidence, or hope; to persuade someone to do or continue to do something by making it easier for them and making them believe it is a good thing to do 80. The police _____ believed this explanation was plausible. adv. based on what you have heard or read 81. Who answers _____ knows little. adv. quickly and unexpectedly 82. All the supervisor has to do is assign tasks that make his subordinates more adj. relating to or involving the use of skill and original and unusual ideas to create something 83. The _____ by the citizen resulted in a redistribution of wealth. a large-scale attempt to overthrow the government of a country, often using violence or war; 84. Several cities are experiencing _____ high unemployment rates. adv. in a way that is very difficult to believe; exceedingly or extremely 85. This device is used to _____ brain cancer and other tumors. to determine or distinguish the nature of a problem or an illness through a careful analysis

ANSWERS: 78. phenomenon, 79. encouraged, 80. apparently, 81. suddenly, 82. creative, 83. revolution, 84. incredibly, 85. diagnose

ANSWERS: 86. replayed, 87. visual, 88. lamb, 89. artery, 90. engrave, 91. Facial, 92. claim, 93. demonstration

ANSWERS: 94. mechanical, 95. emotions, 96. comparison, 97. device, 98. accurate,

99. react, 100. tinfoil, 101. monitor

ANSWERS: 102. introduction, 103. analyze, 104. surveillance, 105. contribution, 106. slightly, 107. redefined