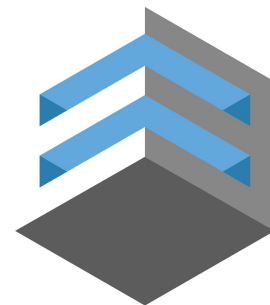


Englist.me



Vocabulary Builder Reference from...

Jacques S. Abramowicz: How does ultrasound work?

| TED Talk

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

All Words

IMPORTANT

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

Session 1: Word List

pitch

n. the property of sound that varies with variation in the frequency of vibration; the degree of a slope, especially of a roof; short presentation for selling or sharing something

synonym : angle, gradient, slope

(1) make a **pitch** for a new product, (2) a low- **pitched** sound

Her voice gradually increased in **pitch**.

cave

n. a large hole in the side of a hill, cliff, mountain, or under the ground

synonym : cavern, grotto, burrow

(1) domiciliary **caves**, (2) the mouth of the **cave**

Bats reside in sheltered **caves**.

bat

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

synonym : cane, rod, stick

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

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

navigate

v. to plan and direct the way that a ship, plane, etc. will travel, often by using a map

synonym : guide, helm, voyage

(1) **navigate** the Pacific, (2) **navigate** through a document

Our knowledge helps **navigate** our clients successfully.

rocky

adj. full of or abounding in rocks; of, relating to, or made of rock

synonym : stony, boulder-strewn, rough

(1) **rocky** terrain, (2) **rocky** relationship

The **rocky** road made it difficult to drive on.

topography

n. the arrangement and physical features of a particular area or region, including its natural and artificial elements and their relative positions and elevations; the study or description of this arrangement and these features

synonym : terrain, landscape, geography

(1) **topography** map, (2) detailed **topography**

The **topography** of the region is rugged, with many hills and valleys.

incredible

adj. unbelievable; enormous

synonym : unbelievable, fantastical, inconceivable

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

Her response revealed **incredible** idiocy.

flee

v. to leave by running away, especially out of fear or danger

synonym : exit, escape, run away

(1) **flee** their homes, (2) **flee** abroad

It is a basic instinct to **flee** from a dangerous situation.

naval

adj. of or relating to ships, sailors, or the navy

synonym : marine, seafaring, maritime

(1) **naval** battles, (2) **naval** base

The **naval** officer was responsible for the safety and

well-being of the crew on his ship.

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.

ultrasound

n. higher frequency sound than humans can hear

(1) **ultrasound** meter, (2) **ultrasound** scan

An **ultrasound** scan showed that the baby was a girl.

molecule

n. a group of two or more atoms held together by attractive forces known as chemical bonds

synonym : particle, element, atom

(1) small **molecules**, (2) **molecule** behavior

The shape of the DNA **molecule** is a double helix.

medium

adj. of a size, amount, or level that is average or intermediate; (noun) a means or instrumentality for storing or communicating information

synonym : average, intermediate, (noun) channel

(1) **medium** color, (2) an advertising **medium**

The **medium** size shirt fits him perfectly.

vibrate

v. 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**.

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**.

distance

n. the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance

synonym : space, gap, span

(1) driving **distance**, (2) social **distance**

The marathon runner covered a long **distance** in a short amount of time.

peak

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

synonym : summit, vertex, apex

(1) at **peak** hour, (2) the **peak** current in the circuit

This measurement aims to reduce traffic at **peak** periods.

determinant

n. a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

synonym : cause, factor, element

(1) environmental **determinant**, (2) a **determinant** of crop yields

One **determinant** of success is having a positive attitude and a strong work ethic.

frequency

n. 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**.

cycle

n. an interval during which a recurring sequence of events occurs; a bicycle or motorcycle

synonym : revolution, rotation, bike

(1) the **cycle** of the seasons, (2) go to the workplace by **cycle**

The food chain causes a material **cycle**.

hertz

n. the unit of frequency, equal to one cycle per second, often used to describe the frequency of electromagnetic waves or electronic signals

synonym : frequency, cycles per second

(1) audio **hertz**, (2) tera- **hertz** radiation

The human ear can detect sounds with frequencies ranging from 20 to 20,000 **hertz**.

exceed

v. to surpass or go beyond a limit, expectation, or requirement; to be better or greater than anticipated or desired

synonym : surpass, outdo, excel

(1) **exceed** sales targets, (2) **exceed** the speed limit

The athlete's performance **exceeded** all expectations, breaking a world record.

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.

emit

v. to give off or send out something such as light, heat, sound, gas, etc.

synonym : give off, radiate, expel

(1) **emit** a gamma ray, (2) **emit** air pollution

During the unloading, the container box **emits** a clicking sound.

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.

nook

n. a small corner, alcove, or recess, especially one in a room or garden providing a seat or space for quiet

synonym: niche, corner, alcove

(1) every **nook** and cranny, (2) breakfast **nook**

The kitchen **nook** was perfect for coffee and chatting with friends.

cranny

n. a small, narrow opening or crack, especially in a wall or rock

synonym: crevice, nook, niche

(1) a **cranny** in the corner, (2) look in every nook and **cranny**

The mouse squeezed into the tiniest **cranny** of the wall to avoid being caught by the cat.

echo

n. a sound heard after being reflected off a surface, such as a wall or a cliff

synonym: reverberate, repeat, reflection

(1) the **echo** of a person's footsteps, (2) sound **echo**

A thunderous boom **echoed** throughout the valley.

nuance

n. a subtle or slight degree of difference in appearance, meaning, sound, someone's feeling, etc.

synonym: shading, refinement, subtlety

(1) rich in **nuance**, (2) subtle cultural **nuance**

The painter has tried to express every **nuance** of the woman's expression in his work.

chain

n. a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle

synonym: series, string, link

(1) **chain** reaction, (2) supply **chain**

The **chain** on my bike broke, leaving me stranded.

internal

adj. of or relating to the inside of something

synonym: interior, inner, domestic

(1) **internal** organs, (2) the **internal** economy

The prime minister canceled visits to other countries to resolve **internal** disputes.

environment

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

synonym: atmosphere, surroundings, climate

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

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

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.

inspire

v. to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative

synonym: boost, encourage, enlighten

(1) **inspire** a feeling of curiosity, (2) **inspire** him to write a novel

The unique style of this martial arts **inspired** many action film producers.

beam

n. a long, sturdy piece of timber, metal, or other material used to support a structure or span a distance; a ray or stream of light emitted by a source

synonym: ray, ray of light, shaft of light

(1) **beam** of light, (2) a structural **beam** of a building

The sun's **beam** shone through the window and illuminated the room.

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.

submarine

n. a type of underwater vehicle or vessel that can operate beneath the surface of the water; (adjective) beneath the surface of the sea

synonym : sub, underwater vessel, sea-craft

(1) a **submarine** volcano, (2) **submarine** cable

The military **submarine** disappeared without a trace.

tight

adj. fixed, fastened, or kept together firmly or closely

synonym : closed, secured, cramped

(1) a **tight** game, (2) student on a **tight** budget

The national election was held amid **tight** security.

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.

experiment

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

synonym : experimentation, investigation

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

His **experiments** showed highly positive results.

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.

invasive

adj. spreading very quickly, and often aggressively, and difficult to stop

synonym : aggressive, rampant, spreading

(1) **invasive** breast cancer, (2) **invasive** species

The **invasive** disease can spread quickly and potentially cause a global pandemic.

evaluate

v. to assess or estimate the quality, significance, quantity, or value of something

synonym : assess, estimate, consider

(1) **evaluate** the grant proposal, (2) **evaluate** a situation

The meeting aims to **evaluate** possible choices.

damage

v. to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity

synonym : harm, impair, injure

(1) **damage** a relationship, (2) **damage** assessment

During the surgery, the doctor had to be extremely cautious not to **damage** a blood vessel.

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.

gallbladder

n. a small, pear-shaped organ located near the liver that stores and releases bile into the small intestine to aid in digestion

synonym : cholecyst

(1) **gallbladder** surgery, (2) **gallbladder** disease

Eating a fatty meal can trigger **gallbladder** pain in some people.

tumor

n. a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way

synonym : neoplasm, mass, lump

(1) **tumor** growth, (2) **tumor** at remote sites

The patient was diagnosed with a **tumor** in her lung.

clot

n. a thick mass or lump of coagulated liquid, especially blood; a group of people or things that form an obstructive, unsympathetic, or resistant force

synonym : clump, coagulation, thrombus

(1) blood **clot**, (2) **clot** prevention

The **clot** in the blood vessel required immediate medical attention.

explore

v. to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it

synonym : analyze, delve into, examine

(1) **explore** the world, (2) **explore** our options

The management must **explore** strategies to increase office security.

fetus

n. an unborn or unhatched animal in the later stages of development showing the main recognizable features of the mature animal

(1) development of the **fetus**, (2) an aborted **fetus**

The female vagina is elastic enough to allow the passage of a **fetus**.

conduct

v. to organize and carry out a particular activity

synonym : behave, lead, carry on

(1) **conduct** a background check, (2) **conduct** research

Police will **conduct** random breath testing for drunk driving.

gel

n. a semi-solid substance, often transparent or translucent, that is used in various products from personal care to food to medicine, and which typically consists of a

gelling agent that thickens the liquid

synonym : jelly, goo, paste

(1) **gel** nail polish, (2) antibacterial **gel**

I must use hair **gel** to style my hair for the job interview.

clarity

n. the quality of being coherent and understandable; the quality of transparency or purity

synonym : clearness, translucence, brightness

(1) lack of **clarity**, (2) sake of **clarity**

The publisher will proofread most of this manuscript for **clarity**.

goo

n. a sticky or slimy substance, often of indeterminate or unknown composition; a slang term used to describe something messy, chaotic, or confusing

synonym : slime, muck, gunk

(1) oozing **goo**, (2) slime **goo**

The science experiment involved mixing various liquids to create a bubbling **goo**.

substance

n. the real physical material of which a thing or person consist; the most important or main part of some idea or experience; an illegal drug

synonym : essence, core, material

(1) an explosive **substance**, (2) **substance** abuse problem

The **substance** of the argument was well-presented.

airtight

adj. tightly sealed or enclosed, with no spaces through which air or other substances can pass; completely secure or reliable

synonym : hermetic, watertight

(1) **airtight** container, (2) **airtight** seal

The container was **airtight**, keeping the food fresh for longer.

seal

v. to close or fasten an envelope, etc. securely; (noun) a large marine mammal that chiefly lives in cold regions and comes on shore to breed

synonym : enclose, shut, close

(1) **seal** a hole, (2) a fur **seal**

He **sealed** the letter with hot wax.

wand

n. a slender rod or stick, especially one used for magic or divination; a rod or staff carried by certain officials as a symbol of authority

synonym : rod, stick, staff

(1) magic **wand**, (2) security **wand**

The magician waved his **wand**, and a rabbit appeared from the hat.

operator

n. a person who uses and controls machinery or equipment; a mathematical symbol used to perform calculations

synonym : controller, handler, manipulator

(1) **operator** error, (2) an elevator **operator**

The **operator** of the machine must follow strict safety protocols.

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.

urine

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

synonym : excrement, dung, pee

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

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

amnion

n. the innermost sac that surrounds and protects the fetus during pregnancy, filled with amniotic fluid which cushions and protects the fetus

synonym : fetal membrane

(1) **amnion** membrane, (2) rupture of the **amnion**

The **amnion** fluid sample was sent for genetic testing to determine chromosomal abnormalities.

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.

encounter

v. to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly

synonym: meet, run into, come across

(1) **encounter** a crisis, (2) **encounter** a storm

I'm prepared to **encounter** challenges throughout this adventure.

solid

adj. hard or firm; characterized by good substantial quality

synonym: stable, reliable, hard

(1) **solid** ally, (2) **solid** employment measures

The **solid-state** of water is called ice.

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.

render

v. to bring someone or something into a particular state; to provide something such as service, help, etc.

synonym: deliver, give, provide

(1) **render** an assessment, (2) **render** the contract void

The jury must **render** a decision on this complex case.

- dot** *n.* a very small circular mark, especially one that is printed
synonym : drop, dab, fleck
(1) connecting the **dots**, (2) **dot** blot method
The wallpaper had a pattern of pink **dots** on a white surface.
- dense** *adj.* containing a large number of people or something with little space between them
synonym : heavy, thick, idiotic
(1) nutrient- **dense** foods, (2) **dense** forests
The entire mountain is covered in **dense** rainforest.
- faint** *adj.* not strong, clear, or vigorous; slight or weak
synonym : slight, vague, soft
(1) **faint** memory, (2) **faint** aroma of roses
She heard a **faint**, nearly invisible scream.
- depth** *n.* the distance between the top and bottom of something; between the top surface and a distance below it
synonym : deepness, profoundness, extent
(1) **depth** camera, (2) the **depth** of the water
The pond's **depth** was around five feet.
- bypass** *n.* an alternative road, channel, pipe, or connection that allows flow while the main one is closed or obstructed;
(verb) to go past or round
(1) gastric **bypass** operation, (2) **bypass** circuit
This patient must undergo **bypass** surgery.
- penetrate** *v.* to pass into or through something, often by overcoming resistance
synonym : pierce, stab, go through
(1) **penetrate** a cell, (2) **penetrate** quickly into the skin
Western ideology slowly **penetrates** through the eastern countries.
- composite** *adj.* made up of different parts, elements, or substances;
(noun) something made from two or more different

substances

synonym : compound, combined, mixed

(1) **composite** materials, (2) a **composite** of different photographs

The **composite** index tracks the performance of multiple stocks in the same sector.

zoom

v. to move along very quickly; (noun) the act of rising upward into the air

synonym : move quickly, dive, buzz

(1) **zoom** in on a photo, (2) **zoom** lens

He **zoomed** back in time to the soccer game.

cascade

n. a small waterfall or series of small waterfalls; a succession of stages or operations or processes or units

synonym : waterfall, watercourse, step

(1) **cascade** connection, (2) transistor **cascade**

The **cascade** of waterfalls in the national park was a breathtaking sight.

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.

movement

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

synonym : motion, progression, action

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

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

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.

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.

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.

deviate

v. to depart from an established course or plan; to change direction or take a different route or approach

synonym: stray, diverge, veer

(1) **deviate** from the norm, (2) **deviate** from the plan

It's important not to **deviate** from the established safety procedures.

brain

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

synonym: intellect, mind, encephalon

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

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

spine

n. the series of bones running down the center of the back that protect the spinal cord and support the body; the backbone or vertebral column

synonym : backbone, vertebra, column

(1) the **spine** of a book, (2) a cervical **spine** injury

She has a minor curved **spine** due to desk work for many years.

natal

adj. relating to birth or the place of one's birth; connected with the beginning or origin of something

synonym : birth, nativity, born

(1) **natal** chart, (2) **natal** clinic

The mother-to-be attended **natal** classes to prepare for the birth of her first child.

advantage

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

synonym : benefit, edge, asset

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

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

radiation

n. the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health

synonym : dissemination, emission, irradiation

(1) exposure to **radiation**, (2) electromagnetic **radiation**

He tried every possible treatment, including chemotherapy and **radiation** therapy.

surgery

n. medical treatment of injuries or diseases involving an incision with instruments and often removing or replacing some parts of the body; the branch of medical science that treats disease or injury by operative procedures

synonym :

operation, (medical) procedure

(1) cardiac **surgery**, (2) the professor of **surgery**

He had undergone heart **surgery** years before.

procedure

n. a way of doing something, especially the official or well-known way

synonym: action, approach, course

(1) undergo a surgical **procedure**, (2) standard **procedure**

The pilot and flight attendant ran through the check-out **procedure**.

negative

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

synonym: minus, adverse, pessimistic

(1) have a **negative** effect, (2) a **negative** number

The movie has received almost universally **negative** criticism.

prop

n. a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something

synonym: support, buttress, column

(1) emotional **prop**, (2) **prop** stick

We have finally lost our last **prop**.

sensitive

adj. able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do

synonym: exposed, susceptible, keen

(1) **sensitive** documents, (2) baby with **sensitive** skin

The teacher is very **sensitive** to children's feelings.

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.

modern

adj. of or belonging to the present time or recent times
synonym: contemporary, stylish, current

(1) **modern** poetry, (2) pre- **modern** agricultural society
Their headquarters are in a **modern** skyscraper.

emergency

n. a sudden unforeseen crisis usually involving danger that requires immediate action
synonym: crisis, trouble, difficulty

(1) **emergency** action, (2) acute **emergency**
The president declared a state of **emergency**.

Session 2: Spelling

- | | |
|------------------------------------|--|
| 1. a su_____ne volcano | <i>n.</i> a type of underwater vehicle or vessel that can operate beneath the surface of the water; (adjective) beneath the surface of the sea |
| 2. vi_____e at a regular frequency | <i>v.</i> to move or cause anything to move fast and in small increments from side to side |
| 3. sake of cl_____y | <i>n.</i> the quality of being coherent and understandable; the quality of transparency or purity |
| 4. get inc_____ly insecure | <i>adv.</i> in a way that is very difficult to believe; exceedingly or extremely |
| 5. a te_____ue in martial arts | <i>n.</i> a particular way or art of doing something that needs skill |
| 6. development of the fe__s | <i>n.</i> an unborn or unhatched animal in the later stages of development showing the main recognizable features of the mature animal |
| 7. ex___d sales targets | <i>v.</i> to surpass or go beyond a limit, expectation, or requirement; to be better or greater than anticipated or desired |
| 8. d_t blot method | <i>n.</i> a very small circular mark, especially one that is printed |
| 9. ai_____ht container | <i>adj.</i> tightly sealed or enclosed, with no spaces through which air or other substances can pass; completely secure or reliable |

ANSWERS: 1. submarine, 2. vibrate, 3. clarity, 4. incredibly, 5. technique, 6. fetus, 7. exceed, 8. dot, 9. airtight

10. look in every nook and cr___y *n.* a small, narrow opening or crack, especially in a wall or rock
11. oozing g_o *n.* a sticky or slimy substance, often of indeterminate or unknown composition; a slang term used to describe something messy, chaotic, or confusing
12. student on a ti__t budget *adj.* fixed, fastened, or kept together firmly or closely
13. 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
14. so__d ally *adj.* hard or firm; characterized by good substantial quality
15. the te_____ue applied to construction *n.* a particular way or art of doing something that needs skill
16. da___e assessment *v.* to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity
17. tu__r growth *n.* a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way
18. inc_____le amount *adj.* unbelievable; enormous

ANSWERS: 10. cranny, 11. goo, 12. tight, 13. develop, 14. solid, 15. technique, 16. damage, 17. tumor, 18. incredible

19. de____e from the plan *v.* to depart from an established course or plan; to change direction or take a different route or approach
20. an explosive su_____ce *n.* the real physical material of which a thing or person consist; the most important or main part of some idea or experience; an illegal drug
21. co_____t a background check *v.* to organize and carry out a particular activity
22. subtle cultural nu____e *n.* a subtle or slight degree of difference in appearance, meaning, sound, someone's feeling, etc.
23. s__l a hole *v.* to close or fasten an envelope, etc. securely; (noun) a large marine mammal that chiefly lives in cold regions and comes on shore to breed
24. na__l chart *adj.* relating to birth or the place of one's birth; connected with the beginning or origin of something
25. di_____se the problem *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
26. b__m of light *n.* a long, sturdy piece of timber, metal, or other material used to support a structure or span a distance; a ray or stream of light emitted by a source
27. en_____er a storm *v.* to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly

ANSWERS: 19. deviate, 20. substance, 21. conduct, 22. nuance, 23. seal, 24. natal, 25. diagnose, 26. beam, 27. encounter

28. na__l base *adj.* of or relating to ships, sailors, or the navy
29. na____te through a document *v.* to plan and direct the way that a ship, plane, etc. will travel, often by using a map
30. e__t a gamma ray *v.* to give off or send out something such as light, heat, sound, gas, etc.
31. ro__y terrain *adj.* full of or abounding in rocks; of, relating to, or made of rock
32. a ne____ve number *adj.* having the quality of something bad or harmful; expressing refusal
33. fa__t aroma of roses *adj.* not strong, clear, or vigorous; slight or weak
34. su____ne cable *n.* a type of underwater vehicle or vessel that can operate beneath the surface of the water; (adjective) beneath the surface of the sea
35. ex____e the world *v.* to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it
36. a structural b__m of a building *n.* a long, sturdy piece of timber, metal, or other material used to support a structure or span a distance; a ray or stream of light emitted by a source
37. an aborted fe__s *n.* an unborn or unhatched animal in the later stages of development showing the main recognizable features of the mature animal

ANSWERS: 28. naval, 29. navigate, 30. emit, 31. rocky, 32. negative, 33. faint, 34. submarine, 35. explore, 36. beam, 37. fetus

38. f__e abroad *v.* to leave by running away, especially out of fear or danger
39. en_____er a crisis *v.* to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly
40. fl__d assets *n.* a substance that can flow and is not solid
41. high fr_____cy *n.* an ordered array of colors into which a light beam can be split
42. cardiac su_____y *n.* medical treatment of injuries or diseases involving an incision with instruments and often removing or replacing some parts of the body; the branch of medical science that treats disease or injury by operative procedures
43. de___t a bad event *v.* to find or recognize something, especially something difficult to see, hear, etc.
44. at inc_____le speed *adj.* unbelievable; enormous
45. emotional p__p *n.* a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something
46. na__l battles *adj.* of or relating to ships, sailors, or the navy

ANSWERS: 38. flee, 39. encounter, 40. fluid, 41. frequency, 42. surgery, 43. detect, 44. incredible, 45. prop, 46. naval

47. 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
48. a ti__t game *adj.* fixed, fastened, or kept together firmly or closely
49. the de__h of the water *n.* the distance between the top and bottom of something; between the top surface and a distance below it
50. ur__e composition *n.* a liquid by-product of metabolism in humans and in many other animals that are released from the body when you urinate
51. detailed top_____hy *n.* the arrangement and physical features of a particular area or region, including its natural and artificial elements and their relative positions and elevations; the study or description of this arrangement and these features
52. exposure to ra_____on *n.* the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health
53. baby with se_____ve skin *adj.* able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do
54. bo___e back from failure *v.* to cause to move up or away after hitting a surface; to spring back

ANSWERS: 47. develop, 48. tight, 49. depth, 50. urine, 51. topography, 52. radiation, 53. sensitive, 54. bounce

55. connecting the d_ots *n.* a very small circular mark, especially one that is printed
56. mo____le behavior *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
57. pe____te a cell *v.* to pass into or through something, often by overcoming resistance
58. make a pi__h for a new product *n.* the property of sound that varies with variation in the frequency of vibration; the degree of a slope, especially of a roof; short presentation for selling or sharing something
59. ev____te the grant proposal *v.* to assess or estimate the quality, significance, quantity, or value of something
60. ex____e our options *v.* to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it
61. p__p stick *n.* a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something
62. am____n membrane *n.* the innermost sac that surrounds and protects the fetus during pregnancy, filled with amniotic fluid which cushions and protects the fetus
63. small mo____les *n.* a group of two or more atoms held together by attractive forces known as chemical bonds

ANSWERS: 55. dot, 56. molecule, 57. penetrate, 58. pitch, 59. evaluate, 60. explore, 61. prop, 62. amnion, 63. molecule

64. z__m lens *v.* to move along very quickly; (noun) the act of rising upward into the air
65. rupture of the am___n *n.* the innermost sac that surrounds and protects the fetus during pregnancy, filled with amniotic fluid which cushions and protects the fetus
66. 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
67. mo___n poetry *adj.* of or belonging to the present time or recent times
68. the p__k current in the circuit *n.* the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain
69. plenty of fl__ds *n.* a substance that can flow and is not solid
70. temporary me_____l treatment *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
71. in_____e him to write a novel *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
72. in_____ve breast cancer *adj.* spreading very quickly, and often aggressively, and difficult to stop
73. 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: 64. zoom, 65. amnion, 66. structure, 67. modern, 68. peak, 69. fluid, 70. medical, 71. inspire, 72. invasive, 73. structure

74. so__d employment measures *adj.* hard or firm; characterized by good substantial quality
75. hu____g sound *adj.* producing a continuous, low, vibrating sound like that of the bee
76. blood in the ur__e *n.* a liquid by-product of metabolism in humans and in many other animals that are released from the body when you urinate
77. ty____l leader *adj.* having the usual characteristics or traits of a specific group of things
78. in____ve species *adj.* spreading very quickly, and often aggressively, and difficult to stop
79. an elevator op____or *n.* a person who uses and controls machinery or equipment; a mathematical symbol used to perform calculations
80. hu____g bird *adj.* producing a continuous, low, vibrating sound like that of the bee
81. loss of muscle ti____e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
82. c__t prevention *n.* a thick mass or lump of coagulated liquid, especially blood; a group of people or things that form an obstructive, unsympathetic, or resistant force
83. bo____e across the floor *v.* to cause to move up or away after hitting a surface; to spring back
84. vi____e with anger *v.* to move or cause anything to move fast and in small increments from side to side

ANSWERS: 74. solid, 75. humming, 76. urine, 77. typical, 78. invasive, 79. operator, 80. humming, 81. tissue, 82. clot, 83. bounce, 84. vibrate

85. exp_____nt design *n.* the scientific test conducted to observe what happens and gain new knowledge
86. a det_____nt of crop yields *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
87. a circular mo_____nt *n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
88. 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
89. vi_____ze data *v.* to form a mental image or concept of something; to make something visible
90. series of exp_____nts *n.* the scientific test conducted to observe what happens and gain new knowledge
91. environmental det_____nt *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
92. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live

ANSWERS: 85. experiment, 86. determinant, 87. movement, 88. process, 89. visualize, 90. experiment, 91. determinant, 92. environment

93. an advertising me___m *adj.* of a size, amount, or level that is average or intermediate; (noun) a means or instrumentality for storing or communicating information
94. the sp__e of a book *n.* the series of bones running down the center of the back that protect the spinal cord and support the body; the backbone or vertebral column
95. the mouth of the c__e *n.* a large hole in the side of a hill, cliff, mountain, or under the ground
96. in_____e a feeling of curiosity *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
97. ai_____ht seal *adj.* tightly sealed or enclosed, with no spaces through which air or other substances can pass; completely secure or reliable
98. a un___e teacher *adj.* being the only one of its kind; unlike anything else
99. acute em_____cy *n.* a sudden unforeseen crisis usually involving danger that requires immediate action
100. have a ne_____ve effect *adj.* having the quality of something bad or harmful; expressing refusal
101. basic br__n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
102. op_____or error *n.* a person who uses and controls machinery or equipment; a mathematical symbol used to perform calculations

ANSWERS: 93. medium, 94. spine, 95. cave, 96. inspire, 97. airtight, 98. unique, 99. emergency, 100. negative, 101. brain, 102. operator

103. audio he__z *n.* the unit of frequency, equal to one cycle per second, often used to describe the frequency of electromagnetic waves or electronic signals
104. de___t smuggling across borders *v.* to find or recognize something, especially something difficult to see, hear, etc.
105. de__e forests *adj.* containing a large number of people or something with little space between them
106. electromagnetic ra_____on *n.* the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health
107. a fur s__l *v.* to close or fasten an envelope, etc. securely; (noun) a large marine mammal that chiefly lives in cold regions and comes on shore to breed
108. colorless li___d *n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas
109. transistor ca_____e *n.* a small waterfall or series of small waterfalls; a succession of stages or operations or processes or units
110. breakfast n__k *n.* a small corner, alcove, or recess, especially one in a room or garden providing a seat or space for quiet
111. ca_____e connection *n.* a small waterfall or series of small waterfalls; a succession of stages or operations or processes or units

ANSWERS: 103. hertz, 104. detect, 105. dense, 106. radiation, 107. seal, 108. liquid, 109. cascade, 110. nook, 111. cascade

112. ult_____nd meter *n.* higher frequency sound than humans can hear
113. domiciliary c__es *n.* a large hole in the side of a hill, cliff, mountain, or under the ground
114. a co_____te of different photographs *adj.* made up of different parts, elements, or substances; (noun) something made from two or more different substances
115. top_____hy map *n.* the arrangement and physical features of a particular area or region, including its natural and artificial elements and their relative positions and elevations; the study or description of this arrangement and these features
116. z__m in on a photo *v.* to move along very quickly; (noun) the act of rising upward into the air
117. a cervical sp__e injury *n.* the series of bones running down the center of the back that protect the spinal cord and support the body; the backbone or vertebral column
118. ult_____nd scan *n.* higher frequency sound than humans can hear
119. nutrient-de__e foods *adj.* containing a large number of people or something with little space between them
120. decision-making pr_____s *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

ANSWERS: 112. ultrasound, 113. cave, 114. composite, 115. topography, 116. zoom, 117. spine, 118. ultrasound, 119. dense, 120. process

121. de____e from the norm *v.* to depart from an established course or plan; to change direction or take a different route or approach
122. permanent br__n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
123. a weak pu__e *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
124. co____t research *v.* to organize and carry out a particular activity
125. pre-mo____n agricultural society *adj.* of or belonging to the present time or recent times
126. supply ch__n *n.* a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle
127. security w__d *n.* a slender rod or stick, especially one used for magic or divination; a rod or staff carried by certain officials as a symbol of authority
128. hazardous li____d *n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas
129. re____r an assessment *v.* to bring someone or something into a particular state; to provide something such as service, help, etc.
130. in____al organs *adj.* of or relating to the inside of something

ANSWERS: 121. deviate, 122. brain, 123. pulse, 124. conduct, 125. modern, 126. chain, 127. wand, 128. liquid, 129. render, 130. internal

131. gastric by___s operation *n.* an alternative road, channel, pipe, or connection that allows flow while the main one is closed or obstructed; (verb) to go past or round
132. blood c__t *n.* a thick mass or lump of coagulated liquid, especially blood; a group of people or things that form an obstructive, unsympathetic, or resistant force
133. rich in nu___e *n.* a subtle or slight degree of difference in appearance, meaning, sound, someone's feeling, etc.
134. de__h camera *n.* the distance between the top and bottom of something; between the top surface and a distance below it
135. magic w__d *n.* a slender rod or stick, especially one used for magic or divination; a rod or staff carried by certain officials as a symbol of authority
136. su_____ce abuse problem *n.* the real physical material of which a thing or person consist; the most important or main part of some idea or experience; an illegal drug
137. social di_____ce *n.* the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance
138. ro__y relationship *adj.* full of or abounding in rocks; of, relating to, or made of rock

ANSWERS: 131. bypass, 132. clot, 133. nuance, 134. depth, 135. wand, 136. substance, 137. distance, 138. rocky

139. the cy__e of the seasons *n.* an interval during which a recurring sequence of events occurs; a bicycle or motorcycle
140. sound e__o *n.* a sound heard after being reflected off a surface, such as a wall or a cliff
141. e__t air pollution *v.* to give off or send out something such as light, heat, sound, gas, etc.
142. pe_____te quickly into the skin *v.* to pass into or through something, often by overcoming resistance
143. b_t an eye *n.* a nocturnal animal with wings that flies and feeds at night, similar to a mouse; a piece of wood with a handle used for hitting the ball in sports including baseball, cricket, and table tennis
144. ev_____te a situation *v.* to assess or estimate the quality, significance, quantity, or value of something
145. fr_____cy band *n.* an ordered array of colors into which a light beam can be split
146. ex___d the speed limit *v.* to surpass or go beyond a limit, expectation, or requirement; to be better or greater than anticipated or desired
147. na__l clinic *adj.* relating to birth or the place of one's birth; connected with the beginning or origin of something
148. g_l nail polish *n.* a semi-solid substance, often transparent or translucent, that is used in various products from personal care to food to medicine, and which typically consists of a gelling agent that thickens the liquid

ANSWERS: 139. cycle, 140. echo, 141. emit, 142. penetrate, 143. bat, 144. evaluate, 145. frequency, 146. exceed, 147. natal, 148. gel

149. f__e their homes *v.* to leave by running away, especially out of fear or danger
150. score an ad_____ge *n.* a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has
151. standard pr_____re *n.* a way of doing something, especially the official or well-known way
152. tera-he__z radiation *n.* the unit of frequency, equal to one cycle per second, often used to describe the frequency of electromagnetic waves or electronic signals
153. inc_____ly cheerful character *adv.* in a way that is very difficult to believe; exceedingly or extremely
154. tu__r at remote sites *n.* a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way
155. ch__n reaction *n.* a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle
156. driving di_____ce *n.* the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance
157. vi_____ze flying through space *v.* to form a mental image or concept of something; to make something visible
158. the in_____al economy *adj.* of or relating to the inside of something
159. me___m color *adj.* of a size, amount, or level that is average or intermediate; (noun) a means or instrumentality for storing or communicating information

ANSWERS: 149. flee, 150. advantage, 151. procedure, 152. hertz, 153. incredibly, 154. tumor, 155. chain, 156. distance, 157. visualize, 158. internal, 159. medium

160. di____se with CT scans *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
161. b_t cave *n.* a nocturnal animal with wings that flies and feeds at night, similar to a mouse; a piece of wood with a handle used for hitting the ball in sports including baseball, cricket, and table tennis
162. mo____nt of troops *n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
163. se_____ve documents *adj.* able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do
164. undergo a surgical pr_____re *n.* a way of doing something, especially the official or well-known way
165. take ad_____ge of his weak points *n.* a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has
166. un___e design *adj.* being the only one of its kind; unlike anything else
167. a cr___y in the corner *n.* a small, narrow opening or crack, especially in a wall or rock
168. fa__t memory *adj.* not strong, clear, or vigorous; slight or weak

ANSWERS: 160. diagnose, 161. bat, 162. movement, 163. sensitive, 164. procedure, 165. advantage, 166. unique, 167. cranny, 168. faint

176. fairly ty____l symptoms *adj.* having the usual characteristics or traits of a specific group of things
177. antibacterial g_l *n.* a semi-solid substance, often transparent or translucent, that is used in various products from personal care to food to medicine, and which typically consists of a gelling agent that thickens the liquid
178. da___e a relationship *v.* to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity
179. by___s circuit *n.* an alternative road, channel, pipe, or connection that allows flow while the main one is closed or obstructed; (verb) to go past or round
180. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
181. go to the workplace by cy__e *n.* an interval during which a recurring sequence of events occurs; a bicycle or motorcycle
182. the e__o of a person's footsteps *n.* a sound heard after being reflected off a surface, such as a wall or a cliff
183. every n__k and cranny *n.* a small corner, alcove, or recess, especially one in a room or garden providing a seat or space for quiet

ANSWERS: 176. typical, 177. gel, 178. damage, 179. bypass, 180. environment, 181. cycle, 182. echo, 183. nook

184. gal_____er surgery *n.* a small, pear-shaped organ located near the liver that stores and releases bile into the small intestine to aid in digestion
185. na_____te the Pacific *v.* to plan and direct the way that a ship, plane, etc. will travel, often by using a map
186. at p__k hour *n.* the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain
187. em_____cy action *n.* a sudden unforeseen crisis usually involving danger that requires immediate action
188. a me_____l opinion *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
189. re___r the contract void *v.* to bring someone or something into a particular state; to provide something such as service, help, etc.
190. gal_____er disease *n.* a small, pear-shaped organ located near the liver that stores and releases bile into the small intestine to aid in digestion

ANSWERS: 184. gallbladder, 185. navigate, 186. peak, 187. emergency, 188. medical, 189. render, 190. gallbladder

Session 3: Fill in the Blanks

1. This measurement aims to reduce traffic at _____ periods.
n. the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain

2. She heard a _____ nearly invisible scream.
adj. not strong, clear, or vigorous; slight or weak

3. The _____ fluid sample was sent for genetic testing to determine chromosomal abnormalities.
n. the innermost sac that surrounds and protects the fetus during pregnancy, filled with amniotic fluid which cushions and protects the fetus

4. Bats reside in sheltered _____.
n. a large hole in the side of a hill, cliff, mountain, or under the ground

5. The magician waved his _____ and a rabbit appeared from the hat.
n. a slender rod or stick, especially one used for magic or divination; a rod or staff carried by certain officials as a symbol of authority

6. It is a basic instinct to _____ from a dangerous situation.
v. to leave by running away, especially out of fear or danger

7. He tried every possible treatment, including chemotherapy and _____ therapy.
n. the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health

ANSWERS: 1. peak, 2. faint, 3. amnion, 4. caves, 5. wand, 6. flee, 7. radiation

8. Every human is responsible for taking care of the Earth's _____.
- n.* the natural world such as air, water, and land in which humans, animals, and plants live
9. The publisher will proofread most of this manuscript for _____.
- n.* the quality of being coherent and understandable; the quality of transparency or purity
10. The mouse squeezed into the tiniest _____ of the wall to avoid being caught by the cat.
- n.* a small, narrow opening or crack, especially in a wall or rock
11. The teacher is very _____ to children's feelings.
- adj.* able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do
12. The _____ of the argument was well-presented.
- n.* the real physical material of which a thing or person consist; the most important or main part of some idea or experience; an illegal drug
13. Western ideology slowly _____ through the eastern countries.
- v.* to pass into or through something, often by overcoming resistance
14. The sun's _____ shone through the window and illuminated the room.
- n.* a long, sturdy piece of timber, metal, or other material used to support a structure or span a distance; a ray or stream of light emitted by a source
15. The _____ of water is called ice.
- adj.* hard or firm; characterized by good substantial quality

ANSWERS: 8. environment, 9. clarity, 10. cranny, 11. sensitive, 12. substance, 13. penetrates, 14. beam, 15. solid-state

16. 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

17. The management must _____ strategies to increase office security.

- v. to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it

18. Several cities are experiencing _____ high unemployment rates.

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

19. The _____ index tracks the performance of multiple stocks in the same sector.

- adj.* made up of different parts, elements, or substances; (noun) something made from two or more different substances

20. This device is used to _____ brain cancer and other tumors.

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

21. The container was _____ keeping the food fresh for longer.

- adj.* tightly sealed or enclosed, with no spaces through which air or other substances can pass; completely secure or reliable

22. The jury must _____ a decision on this complex case.

- v. to bring someone or something into a particular state; to provide something such as service, help, etc.

ANSWERS: 16. develop, 17. explore, 18. incredibly, 19. composite, 20. diagnose, 21. airtight, 22. render

23. 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
24. The kitchen _____ was perfect for coffee and chatting with friends.
n. a small corner, alcove, or recess, especially one in a room or garden providing a seat or space for quiet
25. The pond's _____ was around five feet.
n. the distance between the top and bottom of something; between the top surface and a distance below it
26. The movie has received almost universally _____ criticism.
adj. having the quality of something bad or harmful; expressing refusal
27. The prime minister canceled visits to other countries to resolve _____ disputes.
adj. of or relating to the inside of something
28. He _____ the letter with hot wax.
v. to close or fasten an envelope, etc. securely; (noun) a large marine mammal that chiefly lives in cold regions and comes on shore to breed
29. The _____ in the blood vessel required immediate medical attention.
n. a thick mass or lump of coagulated liquid, especially blood; a group of people or things that form an obstructive, unsympathetic, or resistant force
30. The _____ on my bike broke, leaving me stranded.
n. a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle

ANSWERS: 23. structure, 24. nook, 25. depth, 26. negative, 27. internal, 28. sealed, 29. clot, 30. chain

31. Her response revealed _____ idiocy.

adj. unbelievable; enormous

32. The female vagina is elastic enough to allow the passage of a _____.

n. an unborn or unhatched animal in the later stages of development showing the main recognizable features of the mature animal

33. This patient must undergo _____ surgery.

n. an alternative road, channel, pipe, or connection that allows flow while the main one is closed or obstructed; (verb) to go past or round

34. During the flight, the wings of the plane _____.

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

35. Police will _____ random breath testing for drunk driving.

v. to organize and carry out a particular activity

36. The food chain causes a material _____.

n. an interval during which a recurring sequence of events occurs; a bicycle or motorcycle

37. We have finally lost our last _____.

n. a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something

38. They will _____ between various emotional states.

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

ANSWERS: 31. incredible, 32. fetus, 33. bypass, 34. vibrate, 35. conduct, 36. cycle, 37. prop, 38. bounce

39. The national election was held amid _____ security.

adj. fixed, fastened, or kept together firmly or closely

40. I must use hair ____ to style my hair for the job interview.

n. a semi-solid substance, often transparent or translucent, that is used in various products from personal care to food to medicine, and which typically consists of a gelling agent that thickens the liquid

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

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

42. 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

43. The oscillator hunts for the correct _____.

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

44. She has a minor curved _____ due to desk work for many years.

n. the series of bones running down the center of the back that protect the spinal cord and support the body; the backbone or vertebral column

45. The _____ of the region is rugged, with many hills and valleys.

n. the arrangement and physical features of a particular area or region, including its natural and artificial elements and their relative positions and elevations; the study or description of this arrangement and these features

46. He had undergone heart _____ years before.

n. medical treatment of injuries or diseases involving an incision with instruments and often removing or replacing some parts of the body; the branch of medical science that treats disease or injury by operative procedures

ANSWERS: 39. tight, 40. gel, 41. brain, 42. medical, 43. frequency, 44. spine, 45. topography, 46. surgery

47. The security camera has _____ four intruders.
v. to find or recognize something, especially something difficult to see, hear, etc.
48. The painting is _____ and there is no other like it.
adj. being the only one of its kind; unlike anything else
49. The _____ of the bees filled the air as she walked through the garden.
adj. producing a continuous, low, vibrating sound like that of the bee
50. 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
51. 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
52. The meeting aims to _____ possible choices.
v. to assess or estimate the quality, significance, quantity, or value of something
53. His _____ showed highly positive results.
n. the scientific test conducted to observe what happens and gain new knowledge
54. The _____ officer was responsible for the safety and well-being of the crew on his ship.
adj. of or relating to ships, sailors, or the navy
55. They collected a _____ specimen for urinalysis.
n. a liquid by-product of metabolism in humans and in many other animals that are released from the body when you urinate

ANSWERS: 47. detected, 48. unique, 49. humming, 50. pulse, 51. tissue, 52. evaluate, 53. experiments, 54. naval, 55. urine

56. Jockey's superior _____ brought him victory.

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

57. One of the main _____ of the new product is its increased efficiency.

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

58. The entire mountain is covered in _____ rainforest.

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

59. The patient was diagnosed with a _____ in her lung.

n. a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way

60. The painter has tried to express every _____ of the woman's expression in his work.

n. a subtle or slight degree of difference in appearance, meaning, sound, someone's feeling, etc.

61. I'm prepared to _____ challenges throughout this adventure.

v. to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly

62. It's important not to _____ from the established safety procedures.

v. to depart from an established course or plan; to change direction or take a different route or approach

63. This artwork is _____ of her work.

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

ANSWERS: 56. technique, 57. advantages, 58. dense, 59. tumor, 60. nuance, 61. encounter, 62. deviate, 63. typical

64. The _____ of the dancers on stage was graceful and elegant.
- n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
65. The _____ of the machine must follow strict safety protocols.
- n.* a person who uses and controls machinery or equipment; a mathematical symbol used to perform calculations
66. An _____ scan showed that the baby was a girl.
- n.* higher frequency sound than humans can hear
67. During the unloading, the container box _____ a clicking sound.
- v.* to give off or send out something such as light, heat, sound, gas, etc.
68. He _____ back in time to the soccer game.
- v.* to move along very quickly; (noun) the act of rising upward into the air
69. The wallpaper had a pattern of pink _____ on a white surface.
- n.* a very small circular mark, especially one that is printed
70. A thunderous boom _____ throughout the valley.
- n.* a sound heard after being reflected off a surface, such as a wall or a cliff
71. She was diagnosed with a _____ buildup in her lungs.
- n.* a substance that can flow and is not solid
72. Our knowledge helps _____ our clients successfully.
- v.* to plan and direct the way that a ship, plane, etc. will travel, often by using a map

ANSWERS: 64. movement, 65. operator, 66. ultrasound, 67. emits, 68. zoomed, 69. dots, 70. echoed, 71. fluid, 72. navigate

73. The _____ disease can spread quickly and potentially cause a global pandemic.

adj. spreading very quickly, and often aggressively, and difficult to stop

74. During the surgery, the doctor had to be extremely cautious not to _____ a blood vessel.

v. to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity

75. The _____ road made it difficult to drive on.

adj. full of or abounding in rocks; of, relating to, or made of rock

76. The military _____ disappeared without a trace.

n. a type of underwater vehicle or vessel that can operate beneath the surface of the water; (adjective) beneath the surface of the sea

77. The athlete's performance _____ all expectations, breaking a world record.

v. to surpass or go beyond a limit, expectation, or requirement; to be better or greater than anticipated or desired

78. The mother-to-be attended _____ classes to prepare for the birth of her first child.

adj. relating to birth or the place of one's birth; connected with the beginning or origin of something

79. The science experiment involved mixing various liquids to create a bubbling _____.

n. a sticky or slimy substance, often of indeterminate or unknown composition; a slang term used to describe something messy, chaotic, or confusing

ANSWERS: 73. invasive, 74. damage, 75. rocky, 76. submarine, 77. exceeded, 78. natal, 79. goo

80. 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
81. One _____ of success is having a positive attitude and a strong work ethic.
- n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
82. The pilot and flight attendant ran through the check-out _____.
- n.* a way of doing something, especially the official or well-known way
83. The marathon runner covered a long _____ in a short amount of time.
- n.* the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance
84. Eating a fatty meal can trigger _____ pain in some people.
- n.* a small, pear-shaped organ located near the liver that stores and releases bile into the small intestine to aid in digestion
85. The president declared a state of _____.
- n.* a sudden unforeseen crisis usually involving danger that requires immediate action
86. The _____ of waterfalls in the national park was a breathtaking sight.
- n.* a small waterfall or series of small waterfalls; a succession of stages or operations or processes or units
87. She tried to _____ the layout of the new house in her mind.
- v.* to form a mental image or concept of something; to make something visible

ANSWERS: 80. liquid, 81. determinant, 82. procedure, 83. distance, 84. gallbladder, 85. emergency, 86. cascade, 87. visualize

88. The unique style of this martial arts _____ many action film producers.

- v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative

89. Their headquarters are in a _____ skyscraper.

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

90. The shape of the DNA _____ is a double helix.

- n.* a group of two or more atoms held together by attractive forces known as chemical bonds

91. The cave was a habitat for _____.

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

92. The _____ for applying for a visa can be lengthy and complicated.

- n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

93. Her voice gradually increased in _____.

- n.* the property of sound that varies with variation in the frequency of vibration; the degree of a slope, especially of a roof; short presentation for selling or sharing something

94. The _____ size shirt fits him perfectly.

- adj.* of a size, amount, or level that is average or intermediate; (noun) a means or instrumentality for storing or communicating information

ANSWERS: 88. inspired, 89. modern, 90. molecule, 91. bats, 92. process, 93. pitch, 94. medium

95. The human ear can detect sounds with frequencies ranging from 20 to 20,000

_____.

- n.* the unit of frequency, equal to one cycle per second, often used to describe the frequency of electromagnetic waves or electronic signals

ANSWERS: 95. hertz