

# Englist.me



## Vocabulary Builder Reference from...

Nitish Padmanaban: Autofocusing reading glasses of the future | TED Talk

[https://www.ted.com/talks/nitish\\_padmanaban\\_autofocusing\\_reading\\_glasses\\_of\\_the\\_future](https://www.ted.com/talks/nitish_padmanaban_autofocusing_reading_glasses_of_the_future)

### All Words

#### IMPORTANT

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## Session 1: Word List

- rely**
- v.* to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.
- synonym* : depend, count, lean
- (1) **rely** on convenience stores, (2) **rely** entirely on him  
Babies heavily **rely** on others for food.
- vision**
- n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
- synonym* : sight, image, concept
- (1) a prodigious **vision**, (2) telescopic **vision**  
Driving is difficult for me because of my poor **vision**.
- presbyopia**
- n.* a visual impairment that occurs with age, in which the lens of the eye loses elasticity and the ability to focus on close objects; farsightedness caused by reduced accommodation power of the eye due to the aging process
- synonym* : farsightedness, hyperopia, aging eye
- (1) **presbyopia** glasses, (2) **presbyopia** surgery  
After the age of 40, most people begin to experience **presbyopia**.

- hint** *n.* an indirect suggestion; a slight but appreciable amount of something  
*synonym*: clue, indication, suggestion  
(1) **hint** of trouble, (2) helpful **hints**  
There was no **hint** of a problem.
- bifocal** *adj.* describing lenses that contain two distinct optical powers, typically used for correcting both nearsightedness and farsightedness in the same eyeglasses  
*synonym*: dual-focus, dual-vision  
(1) **bifocal** contact lens, (2) **bifocal** reading glasses  
His glasses had **bifocal** lenses, allowing him to see near and far.
- lens** *n.* a transparent optical device with curved sides, used in an optical instrument that makes objects seem larger, smaller, clearer, etc.; (metaphor) the basic thoughts or mindsets through which someone sees or understands the environment or situation  
*synonym*: glass  
(1) a convex **lens**, (2) a **lens** with a wide angle  
The photographer took this photo using a telephoto **lens**.
- centimeter** *n.* a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter  
(1) **centimeter** measurement, (2) thirty **centimeters** tall  
The room was only one **centimeter** wider than the piano, making it a tight fit.
- radial** *adj.* of or relating to rays or the radii of a circle; spreading out from a central point  
*synonym*: concentric, central, spoke-like  
(1) **radial** symmetry, (2) in a **radial** direction  
The **radial** design of the wheel allows for maximum strength and stability.

## figurative

*adj.* using figures of speech, especially metaphors, to create a special effect; not literal

*synonym* : metaphorical, symbolic, allegorical

(1) in a **figurative** sense, (2) **figurative** painting

When he said he was starving to death, it was a **figurative** way of saying he was very hungry.

## blur

*n.* a faint or indistinct image or sound; something that is not clear or distinct; (verb) to become unclear; to lose clear vision

*synonym* : smudge, smear, fuzz

(1) **blur** image, (2) motion **blur**

The camera's focus was off, and the image was a **blur** of colors and shapes.

## moving

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

*synonym* : emotional, poignant, touching

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

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

## focal

*adj.* relating to an important or central point or area; sharp or precise in focus or detail

*synonym* : central, main, primary

(1) **focal** neurological deficit, (2) **focal** length

The photographer adjusted the camera to focus on the image's **focal** point.

## tune

*n.* a musical composition or set of musical notes that are played or sung; (verb) to adjust or set something to a specific condition or standard

*synonym* : melody, harmony, (verb) adjust

(1) the **tune** of a song, (2) **tune** a piano

The band played a beautiful **tune** on their instruments.

## necessarily

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

*synonym* : inevitable, certainly, automatically

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

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

## 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.

## invention

*n.* the creation of a new device or process resulting from study and experimentation; the act of inventing

*synonym* : creation, design, innovation

(1) the **invention** of new techniques, (2) common **invention**

Necessity is the mother of **invention**.

## spectacle

*n.* something or someone seen, especially a notable or unusual sight; an optical device consisting of a frame that houses a pair of lenses for correcting defective vision

*synonym* : marvel, sensation, phenomenon

(1) pretty **spectacle**, (2) **spectacle** lens

She could not help watching the sad **spectacle**.

## progressive

*adj.* relating to or supporting development or advancement, especially social or political one

*synonym* : advanced, forward-thinking, modern

(1) **progressive** taxation, (2) **progressive** development

The **progressive** approach to education emphasizes hands-on learning and student-centered classrooms.

## rid

*v.* to make someone or something free of unwanted or unpleasant tasks, objects, or person

*synonym* : do away with, free, clear

(1) get **rid** of the rats, (2) **rid** the body of waste products

We must **rid** ourselves of pollution.

## vary

*v.* to become different in terms of size, shape, etc.

*synonym* : alter, contrast, differ

(1) **vary** according to the age, (2) **vary** directly with the price  
Maximum heart rates **vary** a lot for each individual.

## downside

*n.* the negative aspects or consequences of something; the potential for loss or failure

*synonym* : drawback, negative, disadvantage

(1) major **downside**, (2) **downside** of globalization

The **downside** of the new policy was that it would be more expensive for customers.

## 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.

## split

*v.* to divide, or to make something divide into two or more parts, especially along a particular line

*synonym* : break, divide, break apart

(1) **split** a bill, (2) **split** a reward equally

Companies often **split** their shares to lower the stock price and encourage investors to buy.

## 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.

## dominant

*adj.* more important, influential, or easy to notice than anything else of the same type

*synonym*: chief, predominant, prevailing

(1) achieve a **dominant** share, (2) **dominant** force

Her company soon won a **dominant** market share.

## 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**.

## intelligent

*adj.* having the capacity for thought and reason, especially to a high degree

*synonym*: brilliant, clever, competent

(1) an **intelligent** person, (2) **intelligent** assisting system

**Intelligent** robots that can cooperate with humans have limited motor output for safety.

## slightly

*adv.* in a small degree or extent; a little

*synonym*: barely, narrowly, scarcely

(1) increase **slightly**, (2) **slightly** alkaline soils

He moved his body **slightly** to the left.

## judge

*n.* a person who makes decisions in a court of law; (verb) to determine the result of or form a critical opinion of something

*synonym*: arbiter, justice, (verb) deduce

(1) **judge** a competition, (2) an associate **judge**

The strict **judge** ruled in favor of the plaintiff in the case.

## binocular

*n.* (often used in plural form) a device or instrument designed for use with both eyes simultaneously, enabling a viewer to see objects in a three-dimensional perspective and with greater depth perception;

(adjective) relating to or involving both eyes, especially when viewing through a device such as a pair of binoculars; involving or requiring the use of both eyes

*synonym*: field glasses, opera glasses, spyglasses

(1) **binoculars** for birdwatching, (2) powerful **binoculars**

The stargazing enthusiasts used their high-powered **binoculars** to study the constellations in the night sky.

## anatomy

*n.* the scientific study that deals with the physical structure of humans, animals, or plants

(1) animal **anatomy**, (2) **anatomy** of a country's collapse

The professor explained the **anatomy** of the nervous system.

## crystalline

*adj.* resembling crystal in clarity, transparency, or brilliance; having a highly ordered and symmetrical molecular structure

*synonym*: crystallized, clear, transparent

(1) **crystalline** structure, (2) **crystalline** water

The geologist found a beautiful specimen of a **crystalline** mineral.

## surrounding

*adj.* that is near or around, or closely encircling something

*synonym*: circumferent, encircling, neighboring

(1) **surrounding** areas, (2) a fence **surrounding** a castle

The **surrounding** mountains make the city difficult to be invaded.

## deform

*v.* to change or distort the shape or appearance of something; to become misshapen or distorted

*synonym*: distort, contort, mangle

(1) **deform** the shape, (2) **deform** his way of life

The heat from the fire **deformed** the plastic parts of the appliance.

## stiffen

*v.* to make or become stiff or rigid; to become inflexible or unyielding in one's attitude or behavior

*synonym*:

harden, solidify, tense

(1) **stiffen** joints, (2) **stiffen** penalties

The cold weather made my muscles **stiffen** up.

## 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.

## optical

*adj.* of or relating to or light or the ability to see; (noun) the science of light and vision, and to instruments and techniques used in the study and application of light

*synonym* : visual, ocular

(1) new **optical** glasses, (2) **optical** fiber

The **optical** illusion made it appear like the building was floating in midair.

## equivalent

*n.* having the same value, quality, meaning, purpose, etc.

*synonym* : equal, counterpart, match

(1) **equivalent** amounts, (2) **equivalent** in meaning

The European Central Bank is Europe's **equivalent** of the Federal Reserve.

## pirate

*n.* (especially in the past) a person who attacks and robs ships at sea

*synonym* : buccaneer, corsair, privateer

(1) **pirate** treasure, (2) video **pirate**

The **pirate** captain ordered his crew to attack the merchant ship.

## peg

*n.* a small cylindrical or tapered pin used to fasten or secure something, such as clothing, on a line, or in carpentry and woodworking; (verb) to fasten or secure something using a peg or similar object; to mark or indicate a level or position using a peg or similar object



*synonym* : pin, dowel, spike

(1) **peg** in the ground, (2) **peg** an exchange rate

The sheep were tagged with numbered plastic **pegs** in their ears.

## 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.

## prosthetic

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

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

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

## 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.

## 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.

## electron

*n.* a tiny particle with the negative electrical charge

*synonym* : negatron

(1) flow of **electrons**, (2) beam of **electrons**

The outermost **electron** shell determines the chemical properties of an atom.

## crystal

*n.* a solid material with many even sides that is formed naturally when the substance becomes solid and has a highly regular atomic structure; clear and colorless glass made of almost pure silica

*synonym* : quartz

(1) liquid **crystal**, (2) **crystal** analyses

A vast **crystal** chandelier glittered brightly above us.

## trade-off

*n.* a balance achieved between two desirable but incompatible features; an exchange that occurs as a compromise

*synonym* : compromise, balance, exchange

(1) **trade-off** problem, (2) environmental **trade-off**

There was a **trade-off** between speed and accuracy in the task.

## skimp

*v.* to be stingy or frugal; to cut corners or reduce expenditure; to do something hastily or incompletely, often to save time or resources

*synonym* : save, scrimp, economize

(1) **skimp** on expenses, (2) **skimp** my work

I refuse to **skimp** on quality when it comes to my 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.

## desire

*n.* a strong feeling of wanting to have or do something

*synonym* : ambition, appetite, greed

(1) unsatisfied **desire**, (2) fleshly **desire**

Low sexual **desire** typically correlates with low testosterone levels.

## complexity

*n.* the state or quality of being complicated or intricate and difficult to understand

*synonym* : intricacy, sophistication, elaboration

(1) cognitive **complexity**, (2) **complexity** theory

The project's **complexity** made it difficult for the team to complete it on time.

## equation

*n.* the act of regarding as equal; (mathematics) a statement that expresses the equality of two expressions by connecting them with the equals sign

(1) the **equation** of poverty with ignorance, (2) a chemical **equation**

In this class, you will learn how to solve quadratic **equations**.

## intelligence

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

*synonym*: brains, brightness, cleverness

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

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

## prototype

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

*synonym*: mock-up, precursor, model

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

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

## virtual

*adj.* being actually such in almost every respect; existing in essence or effect though not in actual fact

*synonym*: practical

(1) a **virtual** image, (2) trading of **virtual** currencies

She is the **virtual** president of the company.

## augment

*v.* to increase the size, extent, quantity, etc. of something by adding something to it

*synonym*: boost, increase, expand

(1) **augment** the reality, (2) **augment** immunity

Economic factors and monetary policy **augmented** inflation.

## estimate

v. to guess or calculate the cost, size, value, etc. of something

*synonym*: calculate, gauge, evaluate

(1) **estimate** a fair value, (2) **estimate** this chicken to weigh three pounds

We **estimated** the season's total trade deficit at \$50 billion.

## triangle

n. a three-sided polygon with three angles; something that has three sides or parts

*synonym*: trilateral, delta, triad

(1) **triangle** shape, (2) love **triangle**

The Pythagorean theorem is used to calculate the length of the sides of a right **triangle**.

## gaze

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

*synonym*: stare, gawk, look

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

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

## reliability

n. the quality of being able to be trusted or believed in doing what someone desires or requires

*synonym*: dependability, trustability, solidness

(1) improve **reliability**, (2) **reliability** test

The incident threw questions on her motivations and **reliability**.

## sensor

n. a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner

*synonym*: detector

(1) motion **sensor** lighting, (2) an image **sensor**

This automatic door could no longer be opened due to a **sensor** failure.

## **fuse**

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

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

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

He has a short **fuse**.

## **accord**

*n.* an official agreement or treaty between two organizations, countries, etc.; (verb) allow to have

*synonym*: alliance, pact, agreement

(1) **accord** with public opinion, (2) binational **accord**

The organization finally signed a peace **accord**.

## **device**

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

*synonym*: gadget, instrument, tool

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

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

## **recruit**

*v.* to persuade someone to work for a company; to find new members for an organization, the armed forces, etc.

*synonym*: raise, enroll, enlist

(1) **recruit** a good worker, (2) **recruit** a new hire

The colonial government **recruited** militia support when civil war broke out.

## **convinced**

*adj.* completely certain about something; having a strong belief or conviction in a particular religion

*synonym*: confident, positive, indoctrinated

(1) **convinced** of the idea, (2) **convinced** criminal

The public is **convinced** that the prime minister has committed fraud.

## participate

*v.* to take part in something

*synonym* : take part, partake, enter

(1) **participate** fully in conversation, (2) **participate** in the program

The majority of students actively **participated** in the college's intramural sports program.

## compromise

*v.* to settle a problem or disagreement by mutual concession

*synonym* : agree, settle, negotiate

(1) **compromise** the matter, (2) cannot **compromise** anymore

They never **compromised** on development despite the lack of funds.

## colleague

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

*synonym* : coworker, associate, fellow

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

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

## bulky

*adj.* taking up much space or being difficult to move because of its size or weight; large and unwieldy

*synonym* : large, cumbersome, unwieldy

(1) **bulky** material, (2) **bulky** packaging

The **bulky** furniture made it difficult to move around the small room.

## component

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

*synonym* : element, part, factor

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

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

## intention

*n.* something you want to do and are going to do  
*synonym* : purpose, connotation, will

(1) **intention** behind his decision, (2) clear **intention**  
Our CEO's **intentions** are always transparent and straightforward.

## industrial

*adj.* of or relating to or resulting from industry  
*synonym* : manufacturing, mechanical

(1) beginning of the **industrial** revolution, (2) **industrial** alcohol  
**Industrial** design has become more focused on human nature aspect than ever before.

## strap

*n.* a long, narrow strip or belt of leather, fabric, or another material used for binding, fastening, or supporting something or someone; a band or string that attaches one object to another, often used to secure items during transport  
*synonym* : band, belt, sling

(1) leather **strap**, (2) camera **strap**  
The athlete tightened the **strap** on his running shoes before the race.

## algorithm

*n.* a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation  
*synonym* : logic, method, rule

(1) the RSA **algorithm**, (2) **algorithm** for image processing  
We can evaluate the performance of an **algorithm** in terms of computation time.

## robust

*adj.* sturdy and healthy in form, constitution, or construction; strong enough to withstand or overcome intellectual challenges or adversity  
*synonym* : healthy, strong, booming

(1) **robust** growth, (2) a **robust** appetite  
The experiment yielded **robust** results that support his theory.

## start-up

*n.* a newly established company or business

(1) **start-up** business, (2) early-stage **start-up**

Our company's services are targeted at **start-up** executives.

## eventually

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

*synonym*: finally, someday, ultimately

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

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

## norm

*n.* something that is regarded as usual, typical, or standard

*synonym*: criterion, mean, standard

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

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

## improve

*v.* to make or become better

*synonym*: enhance, ameliorate, enrich

(1) **improve** a process, (2) **improve** the test score

We want to **improve** ties between our two countries.

## incorporate

*v.* to include something as a part of a larger entity

*synonym*: contain, integrate, amalgamate

(1) **incorporate** the current trends, (2) **incorporate**

technology into daily life

We will attempt to **incorporate** some of your suggestions into our future strategy.

## efficient

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

*synonym*: productive, effective, competent

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

The new washing machine is much more **efficient** than the



old one.

## outperform

*v.* to be or do something compared to others of a similar type

*synonym*: beat, exceed, surpass

(1) **outperform** other countries, (2) **outperform** the human brain

They consistently **outperformed** other teams in the league.

## tradition

*n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society

*synonym*: custom, practice, ritual

(1) a **tradition** of a culture, (2) against **tradition**

It is a **tradition** in many families to have a big Thanksgiving dinner with all their relatives.

## Session 2: Spelling

1. get r\_d of the rats *v.* to make someone or something free of unwanted or unpleasant tasks, objects, or person
2. pre-mo\_\_\_n agricultural society *adj.* of or belonging to the present time or recent times
3. nec\_\_\_\_\_ly true *adv.* in an essential manner; in such a way as could not be otherwise
4. v\_\_y according to the age *v.* to become different in terms of size, shape, etc.
5. rel\_\_\_\_\_ty test *n.* the quality of being able to be trusted or believed in doing what someone desires or requires
6. love tr\_\_\_\_\_le *n.* a three-sided polygon with three angles; something that has three sides or parts
7. an int\_\_\_\_\_nt person *adj.* having the capacity for thought and reason, especially to a high degree
8. com\_\_\_\_\_ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
9. a prodigious vi\_\_\_\_\_n *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
10. achieve a do\_\_\_\_\_nt share *adj.* more important, influential, or easy to notice than anything else of the same type
11. motion se\_\_\_\_r lighting *n.* a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner

ANSWERS: 1. rid, 2. modern, 3. necessarily, 4. vary, 5. reliability, 6. triangle, 7. intelligent, 8. complexity, 9. vision, 10. dominant, 11. sensor

12. de\_\_\_m the shape v. to change or distort the shape or appearance of something; to become misshapen or distorted
13. a l\_\_s with a wide angle n. a transparent optical device with curved sides, used in an optical instrument that makes objects seem larger, smaller, clearer, etc.; (metaphor) the basic thoughts or mindsets through which someone sees or understands the environment or situation
14. hazardous li\_\_\_d n. a substance, such as water or oil that flows freely and is neither a solid nor a gas
15. ef\_\_\_\_\_nt operation adj. performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials
16. mo\_\_\_g ceremony adj. causing strong emotions or feelings, especially sadness or sympathy
17. in a ra\_\_\_l direction adj. of or relating to rays or the radii of a circle; spreading out from a central point
18. camera st\_\_p n. a long, narrow strip or belt of leather, fabric, or another material used for binding, fastening, or supporting something or someone; a band or string that attaches one object to another, often used to secure items during transport
19. com\_\_\_\_\_se the matter v. to settle a problem or disagreement by mutual concession

ANSWERS: 12. deform, 13. lens, 14. liquid, 15. efficient, 16. moving, 17. radial, 18. strap, 19. compromise

20. inc\_\_\_\_\_te the current trends      *v.* to include something as a part of a larger entity
21. common in\_\_\_\_\_on      *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
22. mo\_\_\_\_n poetry      *adj.* of or belonging to the present time or recent times
23. the t\_\_e of a song      *n.* a musical composition or set of musical notes that are played or sung; (verb) to adjust or set something to a specific condition or standard
24. f\_\_e blows      *n.* a small part in an electrical device or machinery that can interrupt the flow of electrical current when it is overloaded; (verb) to become plastic or fluid or liquefied from heat
25. bi\_\_\_\_\_l contact lens      *adj.* describing lenses that contain two distinct optical powers, typically used for correcting both nearsightedness and farsightedness in the same eyeglasses
26. es\_\_\_\_\_te this chicken to weigh three pounds      *v.* to guess or calculate the cost, size, value, etc. of something
27. not nec\_\_\_\_\_ly a problem      *adv.* in an essential manner; in such a way as could not be otherwise
28. the professor of 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

ANSWERS: 20. incorporate, 21. invention, 22. modern, 23. tune, 24. fuse, 25. bifocal, 26. estimate, 27. necessarily, 28. surgery

29. inc\_\_\_\_\_te technology into daily life  
*v.* to include something as a part of a larger entity
30. r\_d the body of waste products  
*v.* to make someone or something free of unwanted or unpleasant tasks, objects, or person
31. fig\_\_\_\_\_ve painting  
*adj.* using figures of speech, especially metaphors, to create a special effect; not literal
32. flow of el\_\_\_\_\_ons  
*n.* a tiny particle with the negative electrical charge
33. fo\_\_l length  
*adj.* relating to an important or central point or area; sharp or precise in focus or detail
34. f\_\_e with one another  
*n.* a small part in an electrical device or machinery that can interrupt the flow of electrical current when it is overloaded; (verb) to become plastic or fluid or liquefied from heat
35. the RSA al\_\_\_\_\_hm  
*n.* a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation
36. sk\_\_p on expenses  
*v.* to be stingy or frugal; to cut corners or reduce expenditure; to do something hastily or incompletely, often to save time or resources
37. st\_\_\_c website  
*adj.* not moving or not capable of moving, not changing or not capable of changing
38. bu\_\_y packaging  
*adj.* taking up much space or being difficult to move because of its size or weight; large and unwieldy

ANSWERS: 29. incorporate, 30. rid, 31. figurative, 32. electron, 33. focal, 34. fuse, 35. algorithm, 36. skimp, 37. static, 38. bulky

39. pro\_\_\_\_\_ve taxation *adj.* relating to or supporting development or advancement, especially social or political one
40. early pr\_\_\_\_\_pe *n.* a first or preliminary example of something such as a device or vehicle from which other forms are developed
41. sp\_\_t a bill *v.* to divide, or to make something divide into two or more parts, especially along a particular line
42. out\_\_\_\_\_rm the human brain *v.* to be or do something compared to others of a similar type
43. sk\_\_p my work *v.* to be stingy or frugal; to cut corners or reduce expenditure; to do something hastily or incompletely, often to save time or resources
44. tr\_\_\_\_\_le shape *n.* a three-sided polygon with three angles; something that has three sides or parts
45. powerful bi\_\_\_\_\_ars *n.* (often used in plural form) a device or instrument designed for use with both eyes simultaneously, enabling a viewer to see objects in a three-dimensional perspective and with greater depth perception; (adjective) relating to or involving both eyes, especially when viewing through a device such as a pair of binoculars; involving or requiring the use of both eyes
46. a chemical eq\_\_\_\_\_on *n.* the act of regarding as equal; (mathematics) a statement that expresses the equality of two expressions by connecting them with the equals sign

ANSWERS: 39. progressive, 40. prototype, 41. split, 42. outperform, 43. skimp, 44. triangle, 45. binocular, 46. equation

47. helpful h\_\_ts *n.* an indirect suggestion; a slight but appreciable amount of something
48. field of artificial int\_\_\_\_\_nce *n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons
49. ju\_\_e a competition *n.* a person who makes decisions in a court of law; (verb) to determine the result of or form a critical opinion of something
50. 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
51. t\_\_e a piano *n.* a musical composition or set of musical notes that are played or sung; (verb) to adjust or set something to a specific condition or standard
52. al\_\_\_\_\_hm for image processing *n.* a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation
53. do\_\_\_\_\_nt force *adj.* more important, influential, or easy to notice than anything else of the same type
54. improve rel\_\_\_\_\_ty *n.* the quality of being able to be trusted or believed in doing what someone desires or requires
55. former co\_\_\_\_\_ue *n.* one of a group of a coworker, especially in a profession or a business

ANSWERS: 47. hint, 48. intelligence, 49. judge, 50. distance, 51. tune, 52. algorithm, 53. dominant, 54. reliability, 55. colleague

56. a fence sur\_\_\_\_\_ng a castle *adj.* that is near or around, or closely encircling something
57. int\_\_\_\_\_nt assisting system *adj.* having the capacity for thought and reason, especially to a high degree
58. de\_\_\_\_\_p a strategy *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
59. st\_\_\_c electricity *adj.* not moving or not capable of moving, not changing or not capable of changing
60. ind\_\_\_\_\_al alcohol *adj.* of or relating to or resulting from industry
61. pro\_\_\_\_\_ic limbs *adj.* of or relating to an artificial part of the body, such as a limb, a heart, or a breast implant
62. cry\_\_\_\_\_ne structure *adj.* resembling crystal in clarity, transparency, or brilliance; having a highly ordered and symmetrical molecular structure
63. leather st\_\_\_p *n.* a long, narrow strip or belt of leather, fabric, or another material used for binding, fastening, or supporting something or someone; a band or string that attaches one object to another, often used to secure items during transport
64. equ\_\_\_\_\_nt in meaning *n.* having the same value, quality, meaning, purpose, etc.

ANSWERS: 56. surrounding, 57. intelligent, 58. develop, 59. static, 60. industrial, 61. prosthetic, 62. crystalline, 63. strap, 64. equivalent



65. im\_\_\_\_\_e the test score      *v.* to make or become better
66. eve\_\_\_\_\_ly succeed      *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
67. re\_\_\_\_\_t a good worker      *v.* to persuade someone to work for a company; to find new members for an organization, the armed forces, etc.
68. pretty sp\_\_\_\_\_le      *n.* something or someone seen, especially a notable or unusual sight; an optical device consisting of a frame that houses a pair of lenses for correcting defective vision
69. a vi\_\_\_\_\_l image      *adj.* being actually such in almost every respect; existing in essence or effect though not in actual fact
70. pre\_\_\_\_\_ia surgery      *n.* a visual impairment that occurs with age, in which the lens of the eye loses elasticity and the ability to focus on close objects; farsightedness caused by reduced accommodation power of the eye due to the aging process
71. against tr\_\_\_\_\_on      *n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
72. telescopic vi\_\_\_\_\_n      *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
73. do\_\_\_\_\_de of globalization      *n.* the negative aspects or consequences of something; the potential for loss or failure

ANSWERS: 65. improve, 66. eventually, 67. recruit, 68. spectacle, 69. virtual, 70. presbyopia, 71. tradition, 72. vision, 73. downside

74. cannot com\_\_\_\_\_se anymore      *v.* to settle a problem or disagreement by mutual concession
75. thirty cen\_\_\_\_\_ers tall      *n.* a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter
76. bi\_\_\_\_\_ars for birdwatching      *n.* (often used in plural form) a device or instrument designed for use with both eyes simultaneously, enabling a viewer to see objects in a three-dimensional perspective and with greater depth perception; (adjective) relating to or involving both eyes, especially when viewing through a device such as a pair of binoculars; involving or requiring the use of both eyes
77. electronic de\_\_\_e      *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
78. co\_\_\_\_\_ed criminal      *adj.* completely certain about something; having a strong belief or conviction in a particular religion
79. basic br\_\_n function      *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
80. tr\_\_\_\_\_ff problem      *n.* a balance achieved between two desirable but incompatible features; an exchange that occurs as a compromise
81. beam of el\_\_\_\_\_ons      *n.* a tiny particle with the negative electrical charge

ANSWERS: 74. compromise, 75. centimeter, 76. binocular, 77. device, 78. convinced, 79. brain, 80. trade-off, 81. electron

82. cultural n\_\_m *n.* something that is regarded as usual, typical, or standard
83. sur\_\_\_\_\_ng areas *adj.* that is near or around, or closely encircling something
84. bi\_\_\_\_\_l reading glasses *adj.* describing lenses that contain two distinct optical powers, typically used for correcting both nearsightedness and farsightedness in the same eyeglasses
85. binational ac\_\_\_d *n.* an official agreement or treaty between two organizations, countries, etc.; (verb) allow to have
86. r\_\_y on convenience stores *v.* to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.
87. video pi\_\_\_e *n.* (especially in the past) a person who attacks and robs ships at sea
88. have pro\_\_\_\_\_ic arms *adj.* of or relating to an artificial part of the body, such as a limb, a heart, or a breast implant
89. st\_\_\_\_\_n joints *v.* to make or become stiff or rigid; to become inflexible or unyielding in one's attitude or behavior
90. sp\_\_t a reward equally *v.* to divide, or to make something divide into two or more parts, especially along a particular line
91. tracking de\_\_\_e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

ANSWERS: 82. norm, 83. surrounding, 84. bifocal, 85. accord, 86. rely, 87. pirate, 88. prosthetic, 89. stiffen, 90. split, 91. device

92. a ro\_\_\_t appetite *adj.* sturdy and healthy in form, constitution, or construction; strong enough to withstand or overcome intellectual challenges or adversity
93. re\_\_\_\_\_t a new hire *v.* to persuade someone to work for a company; to find new members for an organization, the armed forces, etc.
94. ro\_\_\_t growth *adj.* sturdy and healthy in form, constitution, or construction; strong enough to withstand or overcome intellectual challenges or adversity
95. fo\_\_l neurological deficit *adj.* relating to an important or central point or area; sharp or precise in focus or detail
96. par\_\_\_\_\_te fully in conversation *v.* to take part in something
97. liquid cr\_\_\_\_\_l *n.* a solid material with many even sides that is formed naturally when the substance becomes solid and has a highly regular atomic structure; clear and colorless glass made of almost pure silica
98. an\_\_\_\_\_y of a country's collapse *n.* the scientific study that deals with the physical structure of humans, animals, or plants
99. cr\_\_\_\_\_l analyses *n.* a solid material with many even sides that is formed naturally when the substance becomes solid and has a highly regular atomic structure; clear and colorless glass made of almost pure silica

ANSWERS: 92. robust, 93. recruit, 94. robust, 95. focal, 96. participate, 97. crystal, 98. anatomy, 99. crystal

100. permanent br__n damage	<i>n.</i> the organ inside the head that is responsible for one's movement, thought, memory, and feeling
101. g__e absently out a window	<i>v.</i> to stare at something or someone for an extended time, usually out of surprise or adoration, or because you are thinking about something else
102. a con_____ly innovative enterprise	<i>adv.</i> all the time
103. environmental tr_____ff	<i>n.</i> a balance achieved between two desirable but incompatible features; an exchange that occurs as a compromise
104. im_____e a process	<i>v.</i> to make or become better
105. h__t of trouble	<i>n.</i> an indirect suggestion; a slight but appreciable amount of something
106. bu__y material	<i>adj.</i> taking up much space or being difficult to move because of its size or weight; large and unwieldy
107. a tr_____on of a culture	<i>n.</i> a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
108. p_g in the ground	<i>n.</i> a small cylindrical or tapered pin used to fasten or secure something, such as clothing, on a line, or in carpentry and woodworking; (verb) to fasten or secure something using a peg or similar object; to mark or indicate a level or position using a peg or similar object
109. complete a pr_____pe product	<i>n.</i> a first or preliminary example of something such as a device or vehicle from which other forms are developed

ANSWERS: 100. brain, 101. gaze, 102. constantly, 103. trade-off, 104. improve, 105. hint, 106. bulky, 107. tradition, 108. peg, 109. prototype

110. motion b\_\_r *n.* a faint or indistinct image or sound; something that is not clear or distinct; (verb) to become unclear; to lose clear vision
111. major do\_\_\_\_de *n.* the negative aspects or consequences of something; the potential for loss or failure
112. fleshly de\_\_\_e *n.* a strong feeling of wanting to have or do something
113. g\_\_e steadily at his face *v.* to stare at something or someone for an extended time, usually out of surprise or adoration, or because you are thinking about something else
114. early-stage st\_\_\_\_up *n.* a newly established company or business
115. an image se\_\_\_\_r *n.* a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner
116. increase sl\_\_\_\_ly *adv.* in a small degree or extent; a little
117. pi\_\_\_\_e treasure *n.* (especially in the past) a person who attacks and robs ships at sea
118. eve\_\_\_\_ly become obsolete *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
119. op\_\_\_\_l fiber *adj.* of or relating to or light or the ability to see; (noun) the science of light and vision, and to instruments and techniques used in the study and application of light

ANSWERS: 110. blur, 111. downside, 112. desire, 113. gaze, 114. start-up, 115. sensor, 116. slightly, 117. pirate, 118. eventually, 119. optical

120. unsatisfied de\_\_\_e *n.* a strong feeling of wanting to have or do something
121. au\_\_\_\_\_t the reality *v.* to increase the size, extent, quantity, etc. of something by adding something to it
122. collaborate with co\_\_\_\_\_ues *n.* one of a group of a coworker, especially in a profession or a business
123. ra\_\_\_l symmetry *adj.* of or relating to rays or the radii of a circle; spreading out from a central point
124. sp\_\_\_\_\_le lens *n.* something or someone seen, especially a notable or unusual sight; an optical device consisting of a frame that houses a pair of lenses for correcting defective vision
125. vi\_\_\_l navigation *adj.* relating to seeing or sight
126. st\_\_\_\_\_n penalties *v.* to make or become stiff or rigid; to become inflexible or unyielding in one's attitude or behavior
127. colorless li\_\_\_d *n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas
128. cry\_\_\_\_\_ne water *adj.* resembling crystal in clarity, transparency, or brilliance; having a highly ordered and symmetrical molecular structure
129. st\_\_\_\_\_up business *n.* a newly established company or business
130. animal an\_\_\_\_\_y *n.* the scientific study that deals with the physical structure of humans, animals, or plants

ANSWERS: 120. desire, 121. augment, 122. colleague, 123. radial, 124. spectacle, 125. visual, 126. stiffen, 127. liquid, 128. crystalline, 129. start-up, 130. anatomy

131. v\_\_y directly with the price      *v.* to become different in terms of size, shape, etc.
132. field of vi\_\_\_l arts      *adj.* relating to seeing or sight
133. sl\_\_\_ly alkaline soils      *adv.* in a small degree or extent; a little
134. par\_\_\_\_\_te in the program      *v.* to take part in something
135. in\_\_\_\_\_on behind his decision      *n.* something you want to do and are going to do
136. de\_\_\_m his way of life      *v.* to change or distort the shape or appearance of something; to become misshapen or distorted
137. pro\_\_\_\_\_ve development      *adj.* relating to or supporting development or advancement, especially social or political one
138. a convex l\_\_s      *n.* a transparent optical device with curved sides, used in an optical instrument that makes objects seem larger, smaller, clearer, etc.; (metaphor) the basic thoughts or mindsets through which someone sees or understands the environment or situation
139. mo\_\_\_g experience      *adj.* causing strong emotions or feelings, especially sadness or sympathy
140. the eq\_\_\_\_\_on of poverty with ignorance      *n.* the act of regarding as equal; (mathematics) a statement that expresses the equality of two expressions by connecting them with the equals sign
141. equ\_\_\_\_\_nt amounts      *n.* having the same value, quality, meaning, purpose, etc.

ANSWERS: 131. vary, 132. visual, 133. slightly, 134. participate, 135. intention, 136. deform, 137. progressive, 138. lens, 139. moving, 140. equation, 141. equivalent



142. an associate ju\_\_e                    *n.* a person who makes decisions in a court of law; (verb) to determine the result of or form a critical opinion of something
143. n\_\_m of action                    *n.* something that is regarded as usual, typical, or standard
144. 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
145. key co\_\_\_\_\_nt                    *n.* one of several parts that combines with others to form something bigger
146. new op\_\_\_\_\_l glasses                    *adj.* of or relating to or light or the ability to see; (noun) the science of light and vision, and to instruments and techniques used in the study and application of light
147. 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
148. b\_\_r image                    *n.* a faint or indistinct image or sound; something that is not clear or distinct; (verb) to become unclear; to lose clear vision

ANSWERS: 142. judge, 143. norm, 144. develop, 145. component, 146. optical, 147. surgery, 148. blur

149. r\_\_y entirely on him      *v.* to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.
150. spare co\_\_\_\_\_nts for cars      *n.* one of several parts that combines with others to form something bigger
151. co\_\_\_\_\_ed of the idea      *adj.* completely certain about something; having a strong belief or conviction in a particular religion
152. pre\_\_\_\_\_ia glasses      *n.* a visual impairment that occurs with age, in which the lens of the eye loses elasticity and the ability to focus on close objects; farsightedness caused by reduced accommodation power of the eye due to the aging process
153. au\_\_\_\_\_t immunity      *v.* to increase the size, extent, quantity, etc. of something by adding something to it
154. p\_g an exchange rate      *n.* a small cylindrical or tapered pin used to fasten or secure something, such as clothing, on a line, or in carpentry and woodworking; (verb) to fasten or secure something using a peg or similar object; to mark or indicate a level or position using a peg or similar object
155. cognitive com\_\_\_\_\_ty      *n.* the state or quality of being complicated or intricate and difficult to understand
156. clear in\_\_\_\_\_on      *n.* something you want to do and are going to do
157. cen\_\_\_\_\_er measurement      *n.* a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter

ANSWERS: 149. rely, 150. component, 151. convinced, 152. presbyopia, 153. augment, 154. peg, 155. complexity, 156. intention, 157. centimeter

158. ac\_\_\_d with public opinion      *n.* an official agreement or treaty between two organizations, countries, etc.; (verb) allow to have
159. the in\_\_\_\_\_on of new techniques      *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
160. an int\_\_\_\_\_nce test      *n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons
161. out\_\_\_\_\_rm other countries      *v.* to be or do something compared to others of a similar type
162. in a fig\_\_\_\_\_ve sense      *adj.* using figures of speech, especially metaphors, to create a special effect; not literal
163. energy-ef\_\_\_\_\_nt appliances      *adj.* performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials
164. es\_\_\_\_\_te a fair value      *v.* to guess or calculate the cost, size, value, etc. of something
165. 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
166. beginning of the ind\_\_\_\_\_al revolution      *adj.* of or relating to or resulting from industry
167. trading of vi\_\_\_\_\_l currencies      *adj.* being actually such in almost every respect; existing in essence or effect though not in actual fact

ANSWERS: 158. accord, 159. invention, 160. intelligence, 161. outperform, 162. figurative, 163. efficient, 164. estimate, 165. distance, 166. industrial, 167. virtual

168. a con\_\_\_\_\_ly varying mind

*adv.* **all the time**

ANSWERS: 168. constantly

## Session 3: Fill in the Blanks

1. The new washing machine is much more \_\_\_\_\_ than the old one.  
*adj.* performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials
2. The public is \_\_\_\_\_ that the prime minister has committed fraud.  
*adj.* completely certain about something; having a strong belief or conviction in a particular religion
3. Economic factors and monetary policy \_\_\_\_\_ inflation.  
*v.* to increase the size, extent, quantity, etc. of something by adding something to it
4. The \_\_\_\_\_ captain ordered his crew to attack the merchant ship.  
*n.* (especially in the past) a person who attacks and robs ships at sea
5. The \_\_\_\_\_ furniture made it difficult to move around the small room.  
*adj.* taking up much space or being difficult to move because of its size or weight; large and unwieldy
6. The researchers try to discover a common \_\_\_\_\_ in all types of successful organizations.  
*n.* one of several parts that combines with others to form something bigger
7. The sheep were tagged with numbered plastic \_\_\_\_\_ in their ears.  
*n.* a small cylindrical or tapered pin used to fasten or secure something, such as clothing, on a line, or in carpentry and woodworking; (verb) to fasten or secure something using a peg or similar object; to mark or indicate a level or position using a peg or similar object

ANSWERS: 1. efficient, 2. convinced, 3. augmented, 4. pirate, 5. bulky, 6. component, 7. pegs

8. The heat from the fire \_\_\_\_\_ the plastic parts of the appliance.  
*v.* to change or distort the shape or appearance of something; to become misshapen or distorted
9. When he said he was starving to death, it was a \_\_\_\_\_ way of saying he was very hungry.  
*adj.* using figures of speech, especially metaphors, to create a special effect; not literal
10. The majority of students actively \_\_\_\_\_ in the college's intramural sports program.  
*v.* to take part in something
11. They consistently \_\_\_\_\_ other teams in the league.  
*v.* to be or do something compared to others of a similar type
12. They never \_\_\_\_\_ on development despite the lack of funds.  
*v.* to settle a problem or disagreement by mutual concession
13. In terms of \_\_\_\_\_ he was head and shoulders above his classmates.  
*n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons
14. Maximum heart rates \_\_\_\_\_ a lot for each individual.  
*v.* to become different in terms of size, shape, etc.
15. The athlete tightened the \_\_\_\_\_ on his running shoes before the race.  
*n.* a long, narrow strip or belt of leather, fabric, or another material used for binding, fastening, or supporting something or someone; a band or string that attaches one object to another, often used to secure items during transport

ANSWERS: 8. deformed, 9. figurative, 10. participated, 11. outperformed, 12. compromised, 13. intelligence, 14. vary, 15. strap

16. The \_\_\_\_\_ design of the wheel allows for maximum strength and stability.  
*adj.* of or relating to rays or the radii of a circle; spreading out from a central point
17. The \_\_\_\_\_ illusion made it appear like the building was floating in midair.  
*adj.* of or relating to or light or the ability to see; (noun) the science of light and vision, and to instruments and techniques used in the study and application of light
18. \_\_\_\_\_ design has become more focused on human nature aspect than ever before.  
*adj.* of or relating to or resulting from industry
19. The outermost \_\_\_\_\_ shell determines the chemical properties of an atom.  
*n.* a tiny particle with the negative electrical charge
20. Necessity is the mother of \_\_\_\_\_.  
*n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
21. The stargazing enthusiasts used their high-powered \_\_\_\_\_ to study the constellations in the night sky.  
*n.* (often used in plural form) a device or instrument designed for use with both eyes simultaneously, enabling a viewer to see objects in a three-dimensional perspective and with greater depth perception; (adjective) relating to or involving both eyes, especially when viewing through a device such as a pair of binoculars; involving or requiring the use of both eyes
22. The corporation \_\_\_\_\_ dominated the entire tobacco business.  
*adv.* finally, particularly after a long time or a lot of struggle, complications, and so on

ANSWERS: 16. radial, 17. optical, 18. Industrial, 19. electron, 20. invention, 21. binoculars, 22. eventually

23. The organization finally signed a peace \_\_\_\_\_.
- n.* an official agreement or treaty between two organizations, countries, etc.;  
(verb) allow to have
24. We can evaluate the performance of an \_\_\_\_\_ in terms of computation time.
- n.* a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation
25. A vast \_\_\_\_\_ chandelier glittered brightly above us.
- n.* a solid material with many even sides that is formed naturally when the substance becomes solid and has a highly regular atomic structure; clear and colorless glass made of almost pure silica
26. The incident threw questions on her motivations and \_\_\_\_\_.
- n.* the quality of being able to be trusted or believed in doing what someone desires or requires
27. We will attempt to \_\_\_\_\_ some of your suggestions into our future strategy.
- v.* to include something as a part of a larger entity
28. The systems we have developed has accepted as industry \_\_\_\_\_.
- n.* something that is regarded as usual, typical, or standard
29. I always carry a backup \_\_\_\_\_ in case my phone runs out of battery.
- n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
30. 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: 23. accord, 24. algorithm, 25. crystal, 26. reliability, 27. incorporate, 28. norms, 29. device, 30. surgery



31. 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

32. His glasses had \_\_\_\_\_ lenses, allowing him to see near and far.

- adj.* describing lenses that contain two distinct optical powers, typically used for correcting both nearsightedness and farsightedness in the same eyeglasses

33. New \_\_\_\_\_ joints are less prone to metal poisoning.

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

34. He has a short \_\_\_\_\_.

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

35. In this class, you will learn how to solve quadratic \_\_\_\_\_.

- n.* the act of regarding as equal; (mathematics) a statement that expresses the equality of two expressions by connecting them with the equals sign

36. He moved his body \_\_\_\_\_ to the left.

- adv.* in a small degree or extent; a little

37. She is the \_\_\_\_\_ president of the company.

- adj.* being actually such in almost every respect; existing in essence or effect though not in actual fact

ANSWERS: 31. develop, 32. bifocal, 33. prosthetic, 34. fuse, 35. equations, 36. slightly, 37. virtual

38. The colonial government \_\_\_\_\_ militia support when civil war broke out.
- v.* to persuade someone to work for a company; to find new members for an organization, the armed forces, etc.
39. After the age of 40, most people begin to experience \_\_\_\_\_.
- n.* a visual impairment that occurs with age, in which the lens of the eye loses elasticity and the ability to focus on close objects; farsightedness caused by reduced accommodation power of the eye due to the aging process
40. I decided to seek counseling on the advice of my \_\_\_\_\_.
- n.* one of a group of a coworker, especially in a profession or a business
41. The camera's focus was off, and the image was a \_\_\_\_\_ of colors and shapes.
- n.* a faint or indistinct image or sound; something that is not clear or distinct; (verb) to become unclear; to lose clear vision
42. The band played a beautiful \_\_\_\_\_ on their instruments.
- n.* a musical composition or set of musical notes that are played or sung; (verb) to adjust or set something to a specific condition or standard
43. Our CEO's \_\_\_\_\_ are always transparent and straightforward.
- n.* something you want to do and are going to do
44. This automatic door could no longer be opened due to a \_\_\_\_\_ failure.
- n.* a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner
45. The youngster was \_\_\_\_\_ at by the beast.
- v.* to stare at something or someone for an extended time, usually out of surprise or adoration, or because you are thinking about something else

ANSWERS: 38. recruited, 39. presbyopia, 40. colleague, 41. blur, 42. tune, 43. intentions, 44. sensor, 45. gazed

46. \_\_\_\_\_ robots that can cooperate with humans have limited motor output for safety.

*adj.* having the capacity for thought and reason, especially to a high degree

47. Her company soon won a \_\_\_\_\_ market share.

*adj.* more important, influential, or easy to notice than anything else of the same type

48. The professor explained the \_\_\_\_\_ of the nervous system.

*n.* the scientific study that deals with the physical structure of humans, animals, or plants

49. The cold weather made my muscles \_\_\_\_\_ up.

*v.* to make or become stiff or rigid; to become inflexible or unyielding in one's attitude or behavior

50. Low sexual \_\_\_\_\_ typically correlates with low testosterone levels.

*n.* a strong feeling of wanting to have or do something

51. She could not help watching the sad \_\_\_\_\_.

*n.* something or someone seen, especially a notable or unusual sight; an optical device consisting of a frame that houses a pair of lenses for correcting defective vision

52. We want to \_\_\_\_\_ ties between our two countries.

*v.* to make or become better

53. 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

ANSWERS: 46. Intelligent, 47. dominant, 48. anatomy, 49. stiffen, 50. desire, 51. spectacle, 52. improve, 53. liquid

54. It is a \_\_\_\_\_ in many families to have a big Thanksgiving dinner with all their relatives.
- n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
55. The \_\_\_\_\_ mountains make the city difficult to be invaded.
- adj.* that is near or around, or closely encircling something
56. The experiment yielded \_\_\_\_\_ results that support his theory.
- adj.* sturdy and healthy in form, constitution, or construction; strong enough to withstand or overcome intellectual challenges or adversity
57. The building makes a remarkable \_\_\_\_\_ impact.
- adj.* relating to seeing or sight
58. Their headquarters are in a \_\_\_\_\_ skyscraper.
- adj.* of or belonging to the present time or recent times
59. Companies often \_\_\_\_\_ their shares to lower the stock price and encourage investors to buy.
- v.* to divide, or to make something divide into two or more parts, especially along a particular line
60. The room was only one \_\_\_\_\_ wider than the piano, making it a tight fit.
- n.* a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter
61. This accident was something that happened \_\_\_\_\_.
- adv.* in an essential manner; in such a way as could not be otherwise

ANSWERS: 54. tradition, 55. surrounding, 56. robust, 57. visual, 58. modern, 59. split, 60. centimeter, 61. necessarily

62. We \_\_\_\_\_ the season's total trade deficit at \$50 billion.

*v.* to guess or calculate the cost, size, value, etc. of something

63. The strict \_\_\_\_\_ ruled in favor of the plaintiff in the case.

*n.* a person who makes decisions in a court of law; (verb) to determine the result of or form a critical opinion of something

64. There was no \_\_\_\_\_ of a problem.

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

65. The \_\_\_\_\_ approach to education emphasizes hands-on learning and student-centered classrooms.

*adj.* relating to or supporting development or advancement, especially social or political one

66. Our company's services are targeted at \_\_\_\_\_ executives.

*n.* a newly established company or business

67. The photographer took this photo using a telephoto \_\_\_\_\_.

*n.* a transparent optical device with curved sides, used in an optical instrument that makes objects seem larger, smaller, clearer, etc.; (metaphor) the basic thoughts or mindsets through which someone sees or understands the environment or situation

68. The photographer adjusted the camera to focus on the image's \_\_\_\_\_ point.

*adj.* relating to an important or central point or area; sharp or precise in focus or detail

69. The geologist found a beautiful specimen of a \_\_\_\_\_ mineral.

*adj.* resembling crystal in clarity, transparency, or brilliance; having a highly ordered and symmetrical molecular structure

ANSWERS: 62. estimated, 63. judge, 64. hint, 65. progressive, 66. start-up, 67. lens, 68. focal, 69. crystalline

70. The \_\_\_\_\_ image on the screen took a lot of work to make out.

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

71. Driving is difficult for me because of my poor \_\_\_\_\_.

*n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see

72. There was a \_\_\_\_\_ between speed and accuracy in the task.

*n.* a balance achieved between two desirable but incompatible features; an exchange that occurs as a compromise

73. I refuse to \_\_\_\_\_ on quality when it comes to my work.

*v.* to be stingy or frugal; to cut corners or reduce expenditure; to do something hastily or incompletely, often to save time or resources

74. We must \_\_\_\_\_ ourselves of pollution.

*v.* to make someone or something free of unwanted or unpleasant tasks, objects, or person

75. The mobile application industry is \_\_\_\_\_ changing.

*adv.* all the time

76. The flying car is presently in the \_\_\_\_\_ stage.

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

77. Babies heavily \_\_\_\_\_ on others for food.

*v.* to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.

ANSWERS: 70. static, 71. vision, 72. trade-off, 73. skimp, 74. rid, 75. constantly, 76. prototype, 77. rely

78. 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
79. X-rays revealed a small tumor in his \_\_\_\_\_.
- n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
80. The Pythagorean theorem is used to calculate the length of the sides of a right \_\_\_\_\_.
- n.* a three-sided polygon with three angles; something that has three sides or parts
81. His \_\_\_\_\_ speech about his struggles with addiction brought tears to the audience's eyes.
- adj.* causing strong emotions or feelings, especially sadness or sympathy
82. The project's \_\_\_\_\_ made it difficult for the team to complete it on time.
- n.* the state or quality of being complicated or intricate and difficult to understand
83. The European Central Bank is Europe's \_\_\_\_\_ of the Federal Reserve.
- n.* having the same value, quality, meaning, purpose, etc.
84. The \_\_\_\_\_ of the new policy was that it would be more expensive for customers.
- n.* the negative aspects or consequences of something; the potential for loss or failure

ANSWERS: 78. distance, 79. brain, 80. triangle, 81. moving, 82. complexity, 83. equivalent, 84. downside