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Vocabulary Builder Reference from...

Matt Beane: How do we learn to work with intelligent machines? | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

prostate

n. a small gland located near the bladder (= an organ located in the lower abdomen) in males that produces fluid that becomes part of semen

synonym: gland, bladder

(1) **prostate** surgery, (2) enlarged **prostate**

Men over the age of 50 are at a higher risk for **prostate** cancer.

patient

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

synonym: client, recipient, subject

(1) **patient** in the hospital, (2) **patient** with weight loss

The doctor carefully examined the **patient's** medical history.

resident

n. a person who lives in a particular place or has their home in a place

synonym: dweller, inhabitant, inhabitant

(1) a **resident** of the city, (2) **resident** tax

Visa renewal for **resident** foreigners in this country is once every five years.

surgeon

n. a doctor who is trained to perform medical operations that involve cutting open a person's body

synonym : sawbones, doctor

(1) an excellent brain **surgeon**, (2) army **surgeon**

He is a skilled **surgeon** that has many years of training and experience.

nervous

adj. worried and anxious about something; relating to the nerves

synonym : neural, anxious, uneasy

(1) development of the **nervous** system, (2) get **nervous**

He suffers from **nervous** breakdowns.

sparing

adj. characterized by using or giving very little of something; frugal or economical in the use of resources or materials

synonym : frugal, economical, thrifty

(1) a **sparing** amount of sugar, (2) time **sparing**

The **sparing** use of resources is important for conservation efforts.

dissection

n. the act or process of cutting up or dividing something to examine it

synonym : cutting, slicing, dissecting

(1) **dissection** process, (2) **dissection** specimen

The **dissection** of the frog revealed its internal anatomy.

preserve

v. to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed

synonym : conserve, care for, maintain

(1) **preserve** my strength, (2) **preserve** a country's heritage

They worked hard to **preserve** the nature of their native lands.

erectile

adj. characterized by the ability to become physically erect, particularly in sexual function

synonym : raised, standing, cavernous

(1) **erectile** dysfunction, (2) **erectile** tissues

The drug was found to have significant **erectile** side effects in clinical trials.

function

n. the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

synonym : purpose, mapping, job

(1) **function** properly, (2) immune **function**

The brain is an incredibly complex organ that controls the body's **function**.

attend

v. to be present at an event, to go to a place

synonym : go, be present, accompany

(1) **attend** a meeting, (2) **attend** service

We must **attend** to this matter.

initial

adj. of or happening at the beginning; (noun) the first letter of a word, especially a person's name

synonym : basic, primary, beginning

(1) **initial** velocity, (2) an **initial** letter

They took the **initial** step toward reconciliation.

incision

n. a sharp cut made in something with a sharp tool, especially during a medical procedure

synonym : cut, slit, laceration

(1) **incision** tool, (2) small **incision**

Patients undergoing **incisional** surgery are often put to sleep by anesthesia.

abdomen

n. the part of the body between the chest and pelvis that contains the stomach, intestines, liver, pancreas, and other organs; the posterior part of an insect's body, typically divided into segments

synonym : belly, gut, tummy

(1) **abdomen** pain, (2) insect **abdomen**

The weightlifter used his strong **abdomen** muscles to lift the heavy barbell.

clamp

v. to fasten or secure something tightly, often using a tool or device called a clamp; to restrict something or someone's freedom or movement; (noun) a device used to secure, fasten, or hold objects together; a mass or group of things that are held or gathered tightly together

synonym : fasten, secure, hold tight

(1) **clamp** down on extremism, (2) **clamp** coupling

He used a wrench to **clamp** down the pipes tightly.

nurse

n. a healthcare professional who is trained to provide care for the sick or injured; (verb) to try to cure by special care or treatment of an illness or injury

synonym : healthcare worker, caregiver, medic

(1) **nurse** practitioner, (2) a volunteer **nurse**

The night shift **nurse** checked my vital signs before administering the medication.

gown

n. a long, flowing garment worn on formal occasions, especially by women

synonym : dress, robe, garment

(1) a judge's **gown**, (2) **gown** for the prom

She looked stunning in her long, flowing **gown** at the formal event.

rip

v. to tear something or be torn violently or suddenly

synonym : tear, cut, slit

(1) **rip** a notebook apart, (2) **rip** a hole in the roof

During transit, the stuff may **rip** off the luggage tag.

scrub

v. to clean something thoroughly, typically with a brush and soap or detergent

synonym : clean, wash, sanitize

(1) **scrub** off graffiti, (2) **scrub** dirt from potatoes

She decided to **scrub** the kitchen floor to remove all the dirt and grime.

paperwork

n. administrative tasks that involve writing or typing documents

synonym: documentation, filing, office work

(1) **paperwork** process, (2) bureaucratic **paperwork**

The **paperwork** for the loan application was extensive.

suture

n. a stitch or series of stitches used to hold together the edges of a wound or incision so that it can heal; a line of junction between two bones, particularly in the skull of an animal or human

synonym: stitch, seam

(1) surgical **suture**, (2) **suture** thread

The surgeon used a special **suture** to close the wound.

doubt

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

synonym: distrust, suspect, mistrust

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

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

extreme

adj. very great in amount or degree

synonym: farthestmost, outermost, fierce

(1) **extreme** sports, (2) **extreme** weather events

Solar gravity creates **extreme** pressures and temperatures.

involve

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

synonym: implicate, include, engage

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

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

progression

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

synonym: advancement, development, evolution

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

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

risky

adj. involving the possibility of danger, failure, or loss

synonym: dangerous, perilous, scary

(1) change **risky** behavior, (2) a **risky** enterprise

It is extremely **risky** to sail in such a storm.

decide

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

synonym: choose, determine, settle

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

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

fascinate

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

synonym: captivate, intrigue, mesmerize

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

The magic tricks **fascinated** the children.

apprentice

n. a person who works for and learns from a skilled employer to become a skilled worker themselves

synonym: learner, trainee, protégé

(1) **apprentice** carpenter, (2) a young **apprentice**

He took on an **apprentice** to teach him the trade.

mentorship

n. a relationship in which a more experienced or more knowledgeable person helps to guide a less experienced or less knowledgeable person

synonym: guidance, coaching, tutorship

(1) **mentorship** program, (2) under his **mentorship**

He was grateful for the **mentorship** opportunity given to him by his supervisor.

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.

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.

globe

n. the earth or world, mainly used to emphasize its vastness

synonym : Earth, world, sphere

(1) terrestrial **globe**, (2) around the **globe**

His final goal is to sail around the **globe**.

handle

v. to deal with a situation, problem, or strong emotion

synonym : control, manage, deal with

(1) **handle** a precious object, (2) **handled** the incident

We all should learn how to **handle** stress.

AI

n. (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation

synonym : robot, machine learning, neural network

(1) **AI** expert, (2) apply **AI** technology to art

The evolution of processors has dramatically improved the performance of **AI**.

sacrifice

n. the act of killing an animal or person or surrendering a possession as an offering to a deity; (verb) to give up something important or valuable to help another person or get or do something that seems more important

synonym : forfeit, immolation, gift

(1) small **sacrifice** for a great cause, (2) **sacrifice** anything to get ahead

You cannot accomplish great things without a **sacrifice** of your time or money.

quest

n. a long or challenging search for something

synonym : exploration, inquisition, pursuit

(1) the **quest** for truth, (2) on a **quest** for happiness

That adventurer traveled in **quest** of buried treasure.

industrious

adj. hardworking, diligent, and persistent in effort

synonym : diligent, hardworking, assiduous

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

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

brick

n. a rectangular block of baked clay used as a building material

synonym : block, tile, paver

(1) **brick** wall, (2) dressed **brick**

The wall was made of hard **bricks** that had been used for centuries.

robotic

adj. of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots

synonym : automated, mechanical, laborsaving

(1) **robotic** arm, (2) **robotic** guide operation

The surgeon removed the tumor using **robotic** video assistance.

attach

v. to fasten, join, or connect one thing to another

synonym: fix, fasten, bind

(1) **attach** firmly, (2) **attach** a file to an e-mail

He does not **attach** importance to these rumors.

pound

n. the standard unit of money in the UK; the standard unit of weight equal to 16 ounces

(1) three-fourths of a **pound**, (2) thousands of **pounds**

The car's front bumper cost fifteen hundred **pounds**.

console

v. to provide emotional support or encouragement to someone

synonym: soothe, calm, pacify

(1) **console** her for the loss of her son, (2) **console** the spirits of the victims

She **consoled** her crying friend with words of encouragement.

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**.

rotation

n. the action or process of moving in a circle around an axis or center

synonym: revolution, spin, turning

(1) job **rotation**, (2) a period of **rotation**

The **rotation** of the Earth causes day and night.

- tap**
- v.* to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.
- synonym* : knock, exploit, use
- (1) **tap** a new market, (2) **tap** keyboard with an index finger
- To expand the company, we must **tap** new human resources.
- dunce**
- n.* a person who is considered stupid or slow-witted; a person who lacks intelligence or common sense
- synonym* : dullard, idiot, ignoramus
- (1) **dunce** cap, (2) the technology **dunce**
- The teacher referred to the struggling student as a **dunce** in front of the class.
- 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.
- observe**
- v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion
- synonym* : watch, monitor, scrutinize
- (1) **observe** a tradition, (2) **observe** wildlife
- It is important to **observe** safety procedures in the workplace to prevent accidents.
- 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.

struggle

v. to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction

synonym : toil, strive, compete

(1) **struggle** against discrimination, (2) **struggle** to get the job

He could not **struggle** against temptation.

widespread

adj. existing or happening in various places or among many people

synonym : across-the-board, overall, general

(1) **widespread** use, (2) **widespread** fear of nuclear war

In medieval times, death punishment was **widespread** and socially accepted.

diverse

adj. including numerous categories of individuals or entities; various

synonym : manifold, various, myriad

(1) **diverse** backgrounds, (2) a person of **diverse** talents

New York is a city with a **diverse** ethnic population.

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.

invest

v. to put money, effort, time, etc. into something to make a profit or achieve a result

synonym : fund, sponsor, support

(1) **invest** in stocks, (2) **invest** capital

The government should view children as national assets and actively **invest** in them.

side-by-side

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

synonym : adjacent, parallel, adjoining

(1) **side-by-side** comparison, (2) working **side-by-side**
The **side-by-side** comparison of the two products revealed significant differences in quality and features.

peel

v. to remove the skin of fruit and vegetables
synonym: pare, unclothe, disrobe

(1) **peel** a fruit, (2) **peel** off easily

The storm had **peeled** all paint off the siding.

outsource

v. to contract out or transfer a job, task, or service to an external organization or party, often as a cost-saving measure

synonym: delegate, contract out, farm out

(1) **outsource** a non-core function, (2) **outsource** to India

The company decided to **outsource** its IT services to a third-party provider.

forecast

n. a prediction or statement about how something, such as the weather, will develop or what will happen in the future; (verb) to predict the future in advance

synonym: prediction, outlook, (verb) guess

(1) a weather **forecast**, (2) **forecast** an epidemic

Their team specializes in demand **forecasts** for our products.

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.

analyze

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

synonym: explore, examine, investigate

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

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

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.

adapt

v. to make fit for or change to suit a new purpose or environment

synonym: adjust, acclimate, accustom

(1) **adapt** fully to the environment, (2) **adapt** as needed
I advised him to **adapt** to his new surroundings.

assume

v. to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance

synonym: guess, presume, suppose

(1) **assume** a lousy attitude to his boss, (2) **assume** an important role

The following example **assumes** that the capacity of each battery is the same.

on-the-job

adj. while at work or during employment; relating to or involving the experience of doing a job

synonym: work-related, hands-on, practical

(1) **on-the-job** accidents, (2) **on-the-job** experience

The new employee received **on-the-job** training to learn the ropes of the company.

survey

n. an investigation of the opinions, behavior, etc. of a particular group of people, made by asking people questions

synonym: study, examination, poll

(1) a comprehensive **survey**, (2) recent **survey**

That **survey** shows that people are accepting the tax increase to some extent.

aspect

n. one part or feature of a situation, problem, subject, etc.

synonym: characteristic, element, factor

(1) nontechnical **aspects** of the job, (2) **aspects** of social, political, and economic life

His professional experience includes all **aspects** of media production.

hands-on

adj. actively involved, practical; having hands involved in the doing or making of something

synonym: practical, involved, hands-in

(1) **hands-on** activity, (2) take a **hands-on** approach

The **hands-on** workshop allowed attendees to work with tools and materials, developing their skills in a hands-on environment.

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.

expense

n. the money, time, or effort incurred or required for something

synonym: cost, expenditure, outlay

(1) enormous **expenses**, (2) **expense** account

For this project to be successful, we must control **expenses** strictly.

simulate

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

synonym: pretend, imitate, mimic

(1) **simulate** climate change, (2) **simulate** a future scenario
He had painted the wood to **simulate** stone.

suppose

v. to think that something is likely to be actual or possible
synonym: guess, assume, presume

(1) **suppose** you're right, (2) **suppose** beforehand
What do you **suppose** the culprit's motive was?

supervision

n. the act or process of overseeing or directing the work or performance of others

synonym: oversight, management, direction

(1) under **supervision**, (2) **supervision** by the police
She was put in charge of the project and had full **supervision** over the team.

shadow

n. a dark area or shape cast by an object blocking the passage of light; an area in darkness or shade; a reflected image or copy of something; a person, activity, or influence that follows or accompanies someone or something closely and persistently, often in a secretive or ominous manner

synonym: shade, silhouette, outline

(1) **shadow** cast, (2) **shadow** puppetry

The tree cast a **shadow** over the picnic area, providing relief from the sun.

limelight

n. a bright light produced by heating a piece of lime in an oxygen-hydrogen flame; a metaphorical expression meaning to be the center of attention or in the public eye

synonym: spotlight, public attention, center stage

(1) **limelight** actor, (2) step into the **limelight**

The actor was in the **limelight** for his outstanding performance in the play.

blind

adj. unable to see; unable or unwilling to perceive or understand the true nature of something

synonym: sightless, unseeing, random

(1) **blind** to the beauties, (2) **blind** spot

She was nearly **blind** due to severe diabetes.

pupil

n. the black circular opening in the center of the iris of the eye, through which light enters the eye; a student in school or university

synonym: iris, eye aperture, student

(1) **pupil** constriction, (2) attentive **pupil**

The **pupil** of your eye dilates in response to different light levels.

bunch

n. a grouping of several similar things which are growing or fastened together

synonym: group, assemblage, bundle

(1) a **bunch** of trees, (2) a **bunch** of schoolgirls

One bad apple spoils the whole **bunch**.

obvious

adj. easy to see, discover or understand

synonym: apparent, conspicuous, evident

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

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

sustainable

adj. able to continue or be continued for a long time

synonym: continuable, enduring, tolerable

(1) **sustainable** alternative fuel, (2) principles of **sustainable** development

The government should do more to support environmentally **sustainable** agriculture.

tackle

v. to try to deal with a complex problem or situation

synonym: deal with, dive into, work on

(1) **tackle** the issue, (2) help **tackle** climate change

The government is determined to **tackle** sharp inflation.

backstop

n. a barrier or obstacle used to prevent something from proceeding past a certain point; a person or position that serves as protection or support in case of difficulty or failure

synonym: support, reinforcement, backup

(1) **backstop** agreement, (2) financial **backstop**

The new regulations serve as a **backstop** to prevent future environmental disasters.

catastrophe

n. a sudden event that causes extreme ruin and misfortune

synonym: disaster, calamity, cataclysm

(1) **catastrophe** risk management, (2) avoid climate **catastrophe**

The lack of funds has resulted in a **catastrophe** for our university system.

combination

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

synonym: blend, hybrid, compounding

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

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

implement

v. to put a decision, plan, or system into effect

synonym: execute, enforce, put through

(1) **implement** a corporate strategy, (2) **implement** security measures

The government promised to **implement** a new system to control the financial crisis.

bomb

n. a weapon that explodes and is used to kill or injure people or to cause damage to something

synonym: missile, explosive, ammunition

(1) atomic **bombs**, (2) disarm the **bomb**

The use of cluster **bombs** is strictly prohibited by international law.

dispose

v. to put things or people in a particular manner or position; to incline someone towards a specific activity or mood; throw or cast away

synonym: get rid of, arrange, set

(1) **dispose** battleships for a battle, (2) **dispose** of a used product

Generally speaking, the child is innately **disposed** to learn a language.

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.

invite

v. to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place

synonym: ask, request, summon

(1) **invite** guests, (2) **invite** criticism

We want to **invite** you to our annual charity event.

downrange

adj. located or directed towards a target range or shooting range, often used in military or firearms contexts to refer to the area where bullets or artillery rounds will land

synonym: downfield, ballistic, target-bound

(1) conduct **downrange** analysis, (2) **downrange** distance

The **downrange** impact of this policy change is likely to be substantial.

proof

n. a fact or piece of information that shows something is true or exists

synonym: testimony, evidence, assurance

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

Proof is better than argument.

distant

adj. far away in space, time, or where you are; far apart in relevance, relationship, or kinship

synonym : far, isolated, remote

(1) a **distant** memory, (2) **distant** ancestors

The sun set over the crest of **distant** hills.

physically

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

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

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

crisis

n. a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken

synonym : concern, problem, emergency

(1) financial **crisis**, (2) **crisis** management

The Chinese word for **crisis** comprises two characters, one for danger and the other for opportunity.

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.

amazing

adj. extremely surprising, especially in a way that you like or admire

synonym : exceptional, extraordinary, wonderful

(1) **amazing** advances, (2) the most **amazing** feeling

The golfer recorded an **amazing** distance.

enhance

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

synonym : improve, enrich, refine

(1) **enhance** value, (2) **enhance** the flavor of the vanilla

The new strategy will **enhance** the profitability of our company.

Session 2: Spelling

- | | | |
|---|------|--|
| 1. en_____e the flavor of the vanilla | v. | to increase or improve the quality, amount, or strength of someone or something |
| 2. men_____ip program | n. | a relationship in which a more experienced or more knowledgeable person helps to guide a less experienced or less knowledgeable person |
| 3. a geometric pr__f | n. | a fact or piece of information that shows something is true or exists |
| 4. a period of ro_____on | n. | the action or process of moving in a circle around an axis or center |
| 5. in_____on tool | n. | a sharp cut made in something with a sharp tool, especially during a medical procedure |
| 6. as___e a lousy attitude to his boss | v. | to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance |
| 7. es_____te this chicken to weigh three pounds | v. | to guess or calculate the cost, size, value, etc. of something |
| 8. a sp_____g amount of sugar | adj. | characterized by using or giving very little of something; frugal or economical in the use of resources or materials |
| 9. si_____te climate change | v. | to make a pretense of someone's behavior or looks; to reproduce something that exists in real life using computers, models, etc., usually for study or training purposes |

ANSWERS: 1. enhance, 2. mentorship, 3. proof, 4. rotation, 5. incision, 6. assume, 7. estimate, 8. sparing, 9. simulate

10. no do__t about the news *n.* a feeling of being uncertain about something, especially about how good or accurate it is
11. com_____ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
12. pa_____t with weight loss *n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
13. fu_____on properly *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
14. a ri__y enterprise *adj.* involving the possibility of danger, failure, or loss
15. an excellent brain su_____n *n.* a doctor who is trained to perform medical operations that involve cutting open a person's body
16. su___e thread *n.* a stitch or series of stitches used to hold together the edges of a wound or incision so that it can heal; a line of junction between two bones, particularly in the skull of an animal or human
17. step into the li_____ht *n.* a bright light produced by heating a piece of lime in an oxygen-hydrogen flame; a metaphorical expression meaning to be the center of attention or in the public eye

ANSWERS: 10. doubt, 11. complexity, 12. patient, 13. function, 14. risky, 15. surgeon, 16. suture, 17. limelight

18. di____t ancestors *adj.* far away in space, time, or where you are; far apart in relevance, relationship, or kinship
19. de___e a question *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
20. pro_____on of civilization *n.* the act or process of changing to the next stage or phase or moving forward
21. p__l a fruit *v.* to remove the skin of fruit and vegetables
22. on a qu__t for happiness *n.* a long or challenging search for something
23. an int_____nt person *adj.* having the capacity for thought and reason, especially to a high degree
24. around the gl__e *n.* the earth or world, mainly used to emphasize its vastness
25. t_p a new market *v.* to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.
26. stay phy_____ly fit *adv.* in a way related to a person's body or appearance rather than their mind
27. conduct do_____ge analysis *adj.* located or directed towards a target range or shooting range, often used in military or firearms contexts to refer to the area where bullets or artillery rounds will land
28. st____up business *n.* a newly established company or business

ANSWERS: 18. distant, 19. decide, 20. progression, 21. peel, 22. quest, 23. intelligent, 24. globe, 25. tap, 26. physically, 27. downrange, 28. start-up

29. at___d service *v.* to be present at an event, to go to a place
30. ha___ed the incident *v.* to deal with a situation, problem, or strong emotion
31. a weather fo____st *n.* a prediction or statement about how something, such as the weather, will develop or what will happen in the future; (verb) to predict the future in advance
32. ou_____ce a non-core function *v.* to contract out or transfer a job, task, or service to an external organization or party, often as a cost-saving measure
33. a bu__h of trees *n.* a grouping of several similar things which are growing or fastened together
34. ex_____e account *n.* the money, time, or effort incurred or required for something
35. cr___s management *n.* a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken
36. get ne____s *adj.* worried and anxious about something; relating to the nerves
37. cl__p down on extremism *v.* to fasten or secure something tightly, often using a tool or device called a clamp; to restrict something or someone's freedom or movement; (noun) a device used to secure, fasten, or hold objects together; a mass or group of things that are held or gathered tightly together

ANSWERS: 29. attend, 30. handle, 31. forecast, 32. outsource, 33. bunch, 34. expense, 35. crisis, 36. nervous, 37. clamp

38. the te_____ue applied to construction
39. score an ad_____ge
40. ob_____e wildlife
41. an_____e your real motives
42. t_p keyboard with an index finger
43. du__e cap
44. help ta___e climate change
45. as___e an important role
46. decision-making pr_____s
- n.* a particular way or art of doing something that needs skill
- n.* a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has
- v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion
- v.* to think about in-depth and evaluate to discover essential features or meaning
- v.* to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.
- n.* a person who is considered stupid or slow-witted; a person who lacks intelligence or common sense
- v.* to try to deal with a complex problem or situation
- v.* to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance
- 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: 38. technique, 39. advantage, 40. observe, 41. analyze, 42. tap, 43. dunce, 44. tackle, 45. assume, 46. process

47. cat_____he risk management *n.* a sudden event that causes extreme ruin and misfortune
48. an in_____l letter *adj.* of or happening at the beginning; (noun) the first letter of a word, especially a person's name
49. principles of sus_____le development *adj.* able to continue or be continued for a long time
50. st_____le to get the job *v.* to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction
51. terrestrial gl__e *n.* the earth or world, mainly used to emphasize its vastness
52. ha_____on activity *adj.* actively involved, practical; having hands involved in the doing or making of something
53. an_____e a chemical compound *v.* to think about in-depth and evaluate to discover essential features or meaning
54. int_____nt assisting system *adj.* having the capacity for thought and reason, especially to a high degree
55. co_____e the spirits of the victims *v.* to provide emotional support or encouragement to someone
56. a te_____ue in martial arts *n.* a particular way or art of doing something that needs skill
57. sus_____le alternative fuel *adj.* able to continue or be continued for a long time
58. take a ha_____on approach *adj.* actively involved, practical; having hands involved in the doing or making of something

ANSWERS: 47. catastrophe, 48. initial, 49. sustainable, 50. struggle, 51. globe, 52. hands-on, 53. analyze, 54. intelligent, 55. console, 56. technique, 57. sustainable, 58. hands-on

59. pr____te surgery *n.* a small gland located near the bladder (= an organ located in the lower abdomen) in males that produces fluid that becomes part of semen
60. di____e of a used product *v.* to put things or people in a particular manner or position; to incline someone towards a specific activity or mood; throw or cast away
61. job ro____on *n.* the action or process of moving in a circle around an axis or center
62. bl__d to the beauties *adj.* unable to see; unable or unwilling to perceive or understand the true nature of something
63. small in____on *n.* a sharp cut made in something with a sharp tool, especially during a medical procedure
64. sid____ide comparison *adj.* describing two or more things that are positioned next to each other, in close proximity, and typically in a parallel manner; (adverb) next to each other, with one thing positioned close to the other
65. di____e backgrounds *adj.* including numerous categories of individuals or entities; various
66. working sid____ide *adj.* describing two or more things that are positioned next to each other, in close proximity, and typically in a parallel manner; (adverb) next to each other, with one thing positioned close to the other

ANSWERS: 59. prostate, 60. dispose, 61. rotation, 62. blind, 63. incision, 64. side-by-side, 65. diverse, 66. side-by-side

67. 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
68. sup_____on by the police *n.* the act or process of overseeing or directing the work or performance of others
69. bl__d spot *adj.* unable to see; unable or unwilling to perceive or understand the true nature of something
70. 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
71. army su_____n *n.* a doctor who is trained to perform medical operations that involve cutting open a person's body
72. ha___e a precious object *v.* to deal with a situation, problem, or strong emotion
73. r_p a notebook apart *v.* to tear something or be torn violently or suddenly
74. er_____le tissues *adj.* characterized by the ability to become physically erect, particularly in sexual function
75. pr_____ve a country's heritage *v.* to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed

ANSWERS: 67. surgery, 68. supervision, 69. blind, 70. advantage, 71. surgeon, 72. handle, 73. rip, 74. erectile, 75. preserve

76. undergo a surgical pr_____re *n.* a way of doing something, especially the official or well-known way
77. a bu__h of schoolgirls *n.* a grouping of several similar things which are growing or fastened together
78. at___d a meeting *v.* to be present at an event, to go to a place
79. thousands of po__ds *n.* the standard unit of money in the UK; the standard unit of weight equal to 16 ounces
80. insect ab_____n *n.* the part of the body between the chest and pelvis that contains the stomach, intestines, liver, pancreas, and other organs; the posterior part of an insect's body, typically divided into segments
81. in___t capital *v.* to put money, effort, time, etc. into something to make a profit or achieve a result
82. ba_____op agreement *n.* a barrier or obstacle used to prevent something from proceeding past a certain point; a person or position that serves as protection or support in case of difficulty or failure
83. su_____e you're right *v.* to think that something is likely to be actual or possible
84. sc__b dirt from potatoes *v.* to clean something thoroughly, typically with a brush and soap or detergent
85. ob_____s reasons *adj.* easy to see, discover or understand
86. dis_____on process *n.* the act or process of cutting up or dividing something to examine it

ANSWERS: 76. procedure, 77. bunch, 78. attend, 79. pound, 80. abdomen, 81. invest, 82. backstop, 83. suppose, 84. scrub, 85. obvious, 86. dissection

87. under his men_____ip *n.* a relationship in which a more experienced or more knowledgeable person helps to guide a less experienced or less knowledgeable person
88. in_____e a lot of paperwork *v.* to include or affect someone or something as a necessary part of something else
89. nontechnical as___ts of the job *n.* one part or feature of a situation, problem, subject, etc.
90. a young app_____ce *n.* a person who works for and learns from a skilled employer to become a skilled worker themselves
91. sh___w puppetry *n.* a dark area or shape cast by an object blocking the passage of light; an area in darkness or shade; a reflected image or copy of something; a person, activity, or influence that follows or accompanies someone or something closely and persistently, often in a secretive or ominous manner
92. br__k wall *n.* a rectangular block of baked clay used as a building material
93. sa_____ce anything to get ahead *n.* the act of killing an animal or person or surrendering a possession as an offering to a deity; (verb) to give up something important or valuable to help another person or get or do something that seems more important
94. a person of di_____e talents *adj.* including numerous categories of individuals or entities; various

ANSWERS: 87. mentorship, 88. involve, 89. aspect, 90. apprentice, 91. shadow, 92. brick, 93. sacrifice, 94. diverse

95. three-fourths of a po__d
n. the standard unit of money in the UK; the standard unit of weight equal to 16 ounces
96. cl__p coupling
v. to fasten or secure something tightly, often using a tool or device called a clamp; to restrict something or someone's freedom or movement; (noun) a device used to secure, fasten, or hold objects together; a mass or group of things that are held or gathered tightly together
97. fo____st an epidemic
n. a prediction or statement about how something, such as the weather, will develop or what will happen in the future; (verb) to predict the future in advance
98. a di____t memory
adj. far away in space, time, or where you are; far apart in relevance, relationship, or kinship
99. do____ge distance
adj. located or directed towards a target range or shooting range, often used in military or firearms contexts to refer to the area where bullets or artillery rounds will land
100. surgical su___e
n. a stitch or series of stitches used to hold together the edges of a wound or incision so that it can heal; a line of junction between two bones, particularly in the skull of an animal or human
101. ind____us worker
adj. hardworking, diligent, and persistent in effort

ANSWERS: 95. pound, 96. clamp, 97. forecast, 98. distant, 99. downrange, 100. suture, 101. industrious

102. recent su___y *n.* an investigation of the opinions, behavior, etc. of a particular group of people, made by asking people questions
103. es_____te a fair value *v.* to guess or calculate the cost, size, value, etc. of something
104. documentary pr__f *n.* a fact or piece of information that shows something is true or exists
105. 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
106. co_____e her for the loss of her son *v.* to provide emotional support or encouragement to someone
107. under sup_____on *n.* the act or process of overseeing or directing the work or performance of others
108. ad__t as needed *v.* to make fit for or change to suit a new purpose or environment
109. er_____le dysfunction *adj.* characterized by the ability to become physically erect, particularly in sexual function
110. su_____e beforehand *v.* to think that something is likely to be actual or possible
111. ex_____e weather events *adj.* very great in amount or degree
112. the qu__t for truth *n.* a long or challenging search for something
113. the technology du__e *n.* a person who is considered stupid or slow-witted; a person who lacks intelligence or common sense

ANSWERS: 102. survey, 103. estimate, 104. proof, 105. tradition, 106. console, 107. supervision, 108. adapt, 109. erectile, 110. suppose, 111. extreme, 112. quest, 113. dunce

114. time sp____g *adj.* characterized by using or giving very little of something; frugal or economical in the use of resources or materials
115. genic com_____ons *n.* a collection of things that have been combined; an assemblage of separate parts or qualities
116. g__n for the prom *n.* a long, flowing garment worn on formal occasions, especially by women
117. phy_____ly and mentally *adv.* in a way related to a person's body or appearance rather than their mind
118. cognitive com_____ty *n.* the state or quality of being complicated or intricate and difficult to understand
119. 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
120. standard pr_____re *n.* a way of doing something, especially the official or well-known way
121. enormous ex_____es *n.* the money, time, or effort incurred or required for something
122. ou_____ce to India *v.* to contract out or transfer a job, task, or service to an external organization or party, often as a cost-saving measure
123. wid_____ad fear of nuclear war *adj.* existing or happening in various places or among many people
124. de___e on a course of action *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options

ANSWERS: 114. sparing, 115. combination, 116. gown, 117. physically, 118. complexity, 119. surgery, 120. procedure, 121. expense, 122. outsource, 123. widespread, 124. decide

125. ind_____us student *adj.* hardworking, diligent, and persistent in effort
126. a re_____nt of the city *n.* a person who lives in a particular place or has their home in a place
127. atomic b__bs *n.* a weapon that explodes and is used to kill or injure people or to cause damage to something
128. di_____e battleships for a battle *v.* to put things or people in a particular manner or position; to incline someone towards a specific activity or mood; throw or cast away
129. at___h a file to an e-mail *v.* to fasten, join, or connect one thing to another
130. a comprehensive su___y *n.* an investigation of the opinions, behavior, etc. of a particular group of people, made by asking people questions
131. dispel do__ts *n.* a feeling of being uncertain about something, especially about how good or accurate it is
132. ad__t fully to the environment *v.* to make fit for or change to suit a new purpose or environment
133. enlarged pr_____te *n.* a small gland located near the bladder (= an organ located in the lower abdomen) in males that produces fluid that becomes part of semen
134. on-_____ob experience *adj.* while at work or during employment; relating to or involving the experience of doing a job

ANSWERS: 125. industrious, 126. resident, 127. bomb, 128. dispose, 129. attach, 130. survey, 131. doubt, 132. adapt, 133. prostate, 134. on-the-job

135. ob____e a tradition *v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion
136. at___h firmly *v.* to fasten, join, or connect one thing to another
137. ab____n pain *n.* the part of the body between the chest and pelvis that contains the stomach, intestines, liver, pancreas, and other organs; the posterior part of an insect's body, typically divided into segments
138. ta___e the issue *v.* to try to deal with a complex problem or situation
139. pu__l constriction *n.* the black circular opening in the center of the iris of the eye, through which light enters the eye; a student in school or university
140. 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
141. ro____c arm *adj.* of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots

ANSWERS: 135. observe, 136. attach, 137. abdomen, 138. tackle, 139. pupil, 140. process, 141. robotic

142. st____le against discrimination *v.* to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction
143. immune fu_____on *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
144. pa_____t in the hospital *n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
145. pa_____rk process *n.* administrative tasks that involve writing or typing documents
146. on-_____ob accidents *adj.* while at work or during employment; relating to or involving the experience of doing a job
147. development of the ne_____s system *adj.* worried and anxious about something; relating to the nerves
148. temporary me_____l treatment *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
149. a tr_____on of a culture *n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society

ANSWERS: 142. struggle, 143. function, 144. patient, 145. paperwork, 146. on-the-job, 147. nervous, 148. medical, 149. tradition

150. ro____c guide operation *adj.* of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots
151. pr____ve my strength *v.* to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed
152. p__l off easily *v.* to remove the skin of fruit and vegetables
153. re____nt tax *n.* a person who lives in a particular place or has their home in a place
154. in____e a high degree of risk *v.* to include or affect someone or something as a necessary part of something else
155. am____g advances *adj.* extremely surprising, especially in a way that you like or admire
156. as____ts of social, political, and economic life *n.* one part or feature of a situation, problem, subject, etc.
157. im____nt security measures *v.* to put a decision, plan, or system into effect
158. financial cr____s *n.* a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken
159. small sa____ce for a great cause *n.* the act of killing an animal or person or surrendering a possession as an offering to a deity; (verb) to give up something important or valuable to help another person or get or do something that seems more important

ANSWERS: 150. robotic, 151. preserve, 152. peel, 153. resident, 154. involve, 155. amazing, 156. aspect, 157. implement, 158. crisis, 159. sacrifice

160. fa_____te the young *v.* to attract and hold the attention of someone deeply and irresistibly
161. im_____nt a corporate strategy *v.* to put a decision, plan, or system into effect
162. dressed br__k *n.* a rectangular block of baked clay used as a building material
163. wid_____ad use *adj.* existing or happening in various places or among many people
164. in_____l velocity *adj.* of or happening at the beginning; (noun) the first letter of a word, especially a person's name
165. si_____te a future scenario *v.* to make a pretense of someone's behavior or looks; to reproduce something that exists in real life using computers, models, etc., usually for study or training purposes
166. the most am_____g feeling *adj.* extremely surprising, especially in a way that you like or admire
167. nu__e practitioner *n.* a healthcare professional who is trained to provide care for the sick or injured; (verb) to try to cure by special care or treatment of an illness or injury
168. app_____ce carpenter *n.* a person who works for and learns from a skilled employer to become a skilled worker themselves
169. a judge's g__n *n.* a long, flowing garment worn on formal occasions, especially by women
170. avoid climate cat_____he *n.* a sudden event that causes extreme ruin and misfortune

ANSWERS: 160. fascinate, 161. implement, 162. brick, 163. widespread, 164. initial, 165. simulate, 166. amazing, 167. nurse, 168. apprentice, 169. gown, 170. catastrophe

171. r_p a hole in the roof *v.* to tear something or be torn violently or suddenly
172. en_____e value *v.* to increase or improve the quality, amount, or strength of someone or something
173. attentive pu__l *n.* the black circular opening in the center of the iris of the eye, through which light enters the eye; a student in school or university
174. sh___w cast *n.* a dark area or shape cast by an object blocking the passage of light; an area in darkness or shade; a reflected image or copy of something; a person, activity, or influence that follows or accompanies someone or something closely and persistently, often in a secretive or ominous manner
175. disarm the b__b *n.* a weapon that explodes and is used to kill or injure people or to cause damage to something
176. sc__b off graffiti *v.* to clean something thoroughly, typically with a brush and soap or detergent
177. in___e guests *v.* to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place
178. a me_____l opinion *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
179. pro_____on of disease *n.* the act or process of changing to the next stage or phase or moving forward

ANSWERS: 171. rip, 172. enhance, 173. pupil, 174. shadow, 175. bomb, 176. scrub, 177. invite, 178. medical, 179. progression

180. fa_____te the public *v.* to attract and hold the attention of someone deeply and irresistibly
181. early-stage st_____up *n.* a newly established company or business
182. in____t in stocks *v.* to put money, effort, time, etc. into something to make a profit or achieve a result
183. AI expert *n.* (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation
184. apply AI technology to art *n.* (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation
185. his conclusion was ob_____s *adj.* easy to see, discover or understand
186. financial ba_____op *n.* a barrier or obstacle used to prevent something from proceeding past a certain point; a person or position that serves as protection or support in case of difficulty or failure
187. in____e criticism *v.* to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place

ANSWERS: 180. fascinate, 181. start-up, 182. invest, 183. AI, 184. AI, 185. obvious, 186. backstop, 187. invite

188. com_____on number *n.* a collection of things that have been combined; an assemblage of separate parts or qualities
189. a volunteer nu__e *n.* a healthcare professional who is trained to provide care for the sick or injured; (verb) to try to cure by special care or treatment of an illness or injury
190. ex_____e sports *adj.* very great in amount or degree
191. change ri__y behavior *adj.* involving the possibility of danger, failure, or loss
192. bureaucratic pa_____rk *n.* administrative tasks that involve writing or typing documents
193. dis_____on specimen *n.* the act or process of cutting up or dividing something to examine it
194. li_____ht actor *n.* a bright light produced by heating a piece of lime in an oxygen-hydrogen flame; a metaphorical expression meaning to be the center of attention or in the public eye

ANSWERS: 188. combination, 189. nurse, 190. extreme, 191. risky, 192. paperwork, 193. dissection, 194. limelight

Session 3: Fill in the Blanks

1. _____ is the start, not the end, of intelligence.
n. a feeling of being uncertain about something, especially about how good or accurate it is

2. The investigation _____ several government agencies and is expected to take several months.
v. to include or affect someone or something as a necessary part of something else

3. There are _____ differences between the two wine-producing regions.
adj. easy to see, discover or understand

4. What do you _____ the culprit's motive was?
v. to think that something is likely to be actual or possible

5. He took on an _____ to teach him the trade.
n. a person who works for and learns from a skilled employer to become a skilled worker themselves

6. Solar gravity creates _____ pressures and temperatures.
adj. very great in amount or degree

7. The teacher attempted to _____ the root cause of our mistake.
v. to think about in-depth and evaluate to discover essential features or meaning

8. He could not _____ against temptation.
v. to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction

ANSWERS: 1. Doubt, 2. involves, 3. obvious, 4. suppose, 5. apprentice, 6. extreme, 7. analyze, 8. struggle

9. She decided to _____ the kitchen floor to remove all the dirt and grime.
v. to clean something thoroughly, typically with a brush and soap or detergent
10. It is important to _____ safety procedures in the workplace to prevent accidents.
v. to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion
11. The wall was made of hard _____ that had been used for centuries.
n. a rectangular block of baked clay used as a building material
12. Generally speaking, the child is innately _____ to learn a language.
v. to put things or people in a particular manner or position; to incline someone towards a specific activity or mood; throw or cast away
13. The surgeon used a special _____ to close the wound.
n. a stitch or series of stitches used to hold together the edges of a wound or incision so that it can heal; a line of junction between two bones, particularly in the skull of an animal or human
14. The tree cast a _____ over the picnic area, providing relief from the sun.
n. a dark area or shape cast by an object blocking the passage of light; an area in darkness or shade; a reflected image or copy of something; a person, activity, or influence that follows or accompanies someone or something closely and persistently, often in a secretive or ominous manner
15. He suffers from _____ breakdowns.
adj. worried and anxious about something; relating to the nerves

ANSWERS: 9. scrub, 10. observe, 11. bricks, 12. disposed, 13. suture, 14. shadow, 15. nervous

16. New York is a city with a _____ ethnic population.

adj. including numerous categories of individuals or entities; various

17. For this project to be successful, we must control _____ strictly.

n. the money, time, or effort incurred or required for something

18. The government should view children as national assets and actively _____ in them.

v. to put money, effort, time, etc. into something to make a profit or achieve a result

19. During transit, the stuff may ____ off the luggage tag.

v. to tear something or be torn violently or suddenly

20. The _____ use of resources is important for conservation efforts.

adj. characterized by using or giving very little of something; frugal or economical in the use of resources or materials

21. _____ is better than argument.

n. a fact or piece of information that shows something is true or exists

22. The use of cluster _____ is strictly prohibited by international law.

n. a weapon that explodes and is used to kill or injure people or to cause damage to something

23. The teacher referred to the struggling student as a _____ in front of the class.

n. a person who is considered stupid or slow-witted; a person who lacks intelligence or common sense

ANSWERS: 16. diverse, 17. expenses, 18. invest, 19. rip, 20. sparing, 21. Proof, 22. bombs, 23. dunce

24. Our company's services are targeted at _____ executives.
n. a newly established company or business
25. The government should do more to support environmentally _____ agriculture.
adj. able to continue or be continued for a long time
26. Men over the age of 50 are at a higher risk for _____ cancer.
n. a small gland located near the bladder (= an organ located in the lower abdomen) in males that produces fluid that becomes part of semen
27. The new strategy will _____ the profitability of our company.
v. to increase or improve the quality, amount, or strength of someone or something
28. Their team specializes in demand _____ for our products.
n. a prediction or statement about how something, such as the weather, will develop or what will happen in the future; (verb) to predict the future in advance
29. 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
30. The drug was found to have significant _____ side effects in clinical trials.
adj. characterized by the ability to become physically erect, particularly in sexual function
31. The government is determined to _____ sharp inflation.
v. to try to deal with a complex problem or situation

ANSWERS: 24. start-up, 25. sustainable, 26. prostate, 27. enhance, 28. forecasts, 29. process, 30. erectile, 31. tackle

32. The new regulations serve as a _____ to prevent future environmental disasters.
- n.* a barrier or obstacle used to prevent something from proceeding past a certain point; a person or position that serves as protection or support in case of difficulty or failure
33. The Chinese word for _____ comprises two characters, one for danger and the other for opportunity.
- n.* a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken
34. The night shift _____ checked my vital signs before administering the medication.
- n.* a healthcare professional who is trained to provide care for the sick or injured; (verb) to try to cure by special care or treatment of an illness or injury
35. 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
36. The storm had _____ all paint off the siding.
- v.* to remove the skin of fruit and vegetables
37. The magic tricks _____ the children.
- v.* to attract and hold the attention of someone deeply and irresistibly
38. To expand the company, we must ____ new human resources.
- v.* to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.

ANSWERS: 32. backstop, 33. crisis, 34. nurse, 35. tradition, 36. peeled, 37. fascinated, 38. tap

39. Visa renewal for _____ foreigners in this country is once every five years.
n. a person who lives in a particular place or has their home in a place
40. 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
41. She _____ her crying friend with words of encouragement.
v. to provide emotional support or encouragement to someone
42. The golfer recorded an _____ distance.
adj. extremely surprising, especially in a way that you like or admire
43. 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
44. He does not _____ importance to these rumors.
v. to fasten, join, or connect one thing to another
45. She was put in charge of the project and had full _____ over the team.
n. the act or process of overseeing or directing the work or performance of others
46. We all should learn how to _____ stress.
v. to deal with a situation, problem, or strong emotion
47. The government promised to _____ a new system to control the financial crisis.
v. to put a decision, plan, or system into effect

ANSWERS: 39. resident, 40. complexity, 41. consoled, 42. amazing, 43. surgery, 44. attach, 45. supervision, 46. handle, 47. implement

48. The _____ workshop allowed attendees to work with tools and materials, developing their skills in a hands-on environment.
adj. actively involved, practical; having hands involved in the doing or making of something
49. The evolution of processors has dramatically improved the performance of ____.
n. (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation
50. The _____ impact of this policy change is likely to be substantial.
adj. located or directed towards a target range or shooting range, often used in military or firearms contexts to refer to the area where bullets or artillery rounds will land
51. The _____ for the loan application was extensive.
n. administrative tasks that involve writing or typing documents
52. He had painted the wood to _____ stone.
v. to make a pretense of someone's behavior or looks; to reproduce something that exists in real life using computers, models, etc., usually for study or training purposes
53. Having a _____ healthy physique is essential for a great life.
adv. in a way related to a person's body or appearance rather than their mind
54. You cannot accomplish great things without a _____ of your time or money.
n. the act of killing an animal or person or surrendering a possession as an offering to a deity; (verb) to give up something important or valuable to help another person or get or do something that seems more important

ANSWERS: 48. hands-on, 49. AI, 50. downrange, 51. paperwork, 52. simulate, 53. physically, 54. sacrifice

55. His final goal is to sail around the _____.

n. the earth or world, mainly used to emphasize its vastness

56. The sun set over the crest of _____ hills.

adj. far away in space, time, or where you are; far apart in relevance, relationship, or kinship

57. We _____ the season's total trade deficit at \$50 billion.

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

58. The lack of funds has resulted in a _____ for our university system.

n. a sudden event that causes extreme ruin and misfortune

59. She looked stunning in her long, flowing _____ at the formal event.

n. a long, flowing garment worn on formal occasions, especially by women

60. The following example _____ that the capacity of each battery is the same.

v. to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance

61. That adventurer traveled in _____ of buried treasure.

n. a long or challenging search for something

62. The actor was in the _____ for his outstanding performance in the play.

n. a bright light produced by heating a piece of lime in an oxygen-hydrogen flame; a metaphorical expression meaning to be the center of attention or in the public eye

63. It is extremely _____ to sail in such a storm.

adj. involving the possibility of danger, failure, or loss

ANSWERS: 55. globe, 56. distant, 57. estimated, 58. catastrophe, 59. gown, 60. assumes, 61. quest, 62. limelight, 63. risky

64. The _____ comparison of the two products revealed significant differences in quality and features.

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

65. The _____ of your eye dilates in response to different light levels.

n. the black circular opening in the center of the iris of the eye, through which light enters the eye; a student in school or university

66. I advised him to _____ to his new surroundings.

v. to make fit for or change to suit a new purpose or environment

67. Patients undergoing _____ surgery are often put to sleep by anesthesia.

n. a sharp cut made in something with a sharp tool, especially during a medical procedure

68. They took the _____ step toward reconciliation.

adj. of or happening at the beginning; (noun) the first letter of a word, especially a person's name

69. The doctor carefully examined the _____ medical history.

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

70. He was grateful for the _____ opportunity given to him by his supervisor.

n. a relationship in which a more experienced or more knowledgeable person helps to guide a less experienced or less knowledgeable person

ANSWERS: 64. side-by-side, 65. pupil, 66. adapt, 67. incisional, 68. initial, 69. patient's, 70. mentorship

71. The company decided to _____ its IT services to a third-party provider.
v. to contract out or transfer a job, task, or service to an external organization or party, often as a cost-saving measure
72. 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
73. That _____ shows that people are accepting the tax increase to some extent.
n. an investigation of the opinions, behavior, etc. of a particular group of people, made by asking people questions
74. He is a skilled _____ that has many years of training and experience.
n. a doctor who is trained to perform medical operations that involve cutting open a person's body
75. The _____ of the frog revealed its internal anatomy.
n. the act or process of cutting up or dividing something to examine it
76. The pilot and flight attendant ran through the check-out _____.
n. a way of doing something, especially the official or well-known way
77. _____ 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
78. His professional experience includes all _____ of media production.
n. one part or feature of a situation, problem, subject, etc.

ANSWERS: 71. outsource, 72. advantages, 73. survey, 74. surgeon, 75. dissection, 76. procedure, 77. Intelligent, 78. aspects

79. She was nearly _____ due to severe diabetes.

adj. unable to see; unable or unwilling to perceive or understand the true nature of something

80. Jockey's superior _____ brought him victory.

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

81. They worked hard to _____ the nature of their native lands.

v. to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed

82. We want to _____ you to our annual charity event.

v. to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place

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

adj. hardworking, diligent, and persistent in effort

84. The surgeon removed the tumor using _____ video assistance.

adj. of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots

85. She couldn't _____ whether to order the pizza or the pasta for dinner.

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

86. The car's front bumper cost fifteen hundred _____.

n. the standard unit of money in the UK; the standard unit of weight equal to 16 ounces

ANSWERS: 79. blind, 80. technique, 81. preserve, 82. invite, 83. industrious, 84. robotic, 85. decide, 86. pounds

87. In medieval times, death punishment was _____ and socially accepted.
adj. existing or happening in various places or among many people
88. The brain is an incredibly complex organ that controls the body's _____.
n. the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
89. One bad apple spoils the whole _____.
n. a grouping of several similar things which are growing or fastened together
90. The _____ of the Earth causes day and night.
n. the action or process of moving in a circle around an axis or center
91. The _____ to the safe was a secret.
n. a collection of things that have been combined; an assemblage of separate parts or qualities
92. We must _____ to this matter.
v. to be present at an event, to go to a place
93. The company has made great strides in its _____ toward sustainability.
n. the act or process of changing to the next stage or phase or moving forward
94. 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

ANSWERS: 87. widespread, 88. function, 89. bunch, 90. rotation, 91. combination, 92. attend, 93. progression, 94. medical

95. He used a wrench to _____ down the pipes tightly.

- v.* to fasten or secure something tightly, often using a tool or device called a clamp; to restrict something or someone's freedom or movement; (noun) a device used to secure, fasten, or hold objects together; a mass or group of things that are held or gathered tightly together

96. The weightlifter used his strong _____ muscles to lift the heavy barbell.

- n.* the part of the body between the chest and pelvis that contains the stomach, intestines, liver, pancreas, and other organs; the posterior part of an insect's body, typically divided into segments

97. The new employee received _____ training to learn the ropes of the company.

- adj.* while at work or during employment; relating to or involving the experience of doing a job

ANSWERS: 95. clamp, 96. abdomen, 97. on-the-job