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Vocabulary Builder Reference from...

Andreas Raptopoulos: No roads? There's a drone for that | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

medicinal

adj. of or relating to the treatment or cure of disease

synonym: curative, therapeutic, healing

(1) **medicinal** chemistry, (2) traditional **medicinal**

The **medicinal** properties of this herb have been known to help with various ailments.

reliable

adj. worthy of being relied on; trustworthy

synonym: dependable, trustworthy, dedicated

(1) **reliable** access, (2) guarantee **reliable** delivery

Trains are **reliable**, inexpensive, and ideal for long-distance travel.

critic

n. someone who expresses opinions about the quality of books, music, etc.

synonym: pundit, analyst, attacker

(1) art **critic**, (2) severe **critic**

Advocates for legal reform hear less harsh words from their **critics**.

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.

sub-Saharan

adj. of or relating to or situated in the area south of the Sahara Desert

(1) **sub-Saharan** Africa, (2) **sub-Saharan** countries

The coffee producers in **sub-Saharan** countries are at the sharp end of fluctuations in price.

instance

n. a particular example or single occurrence of something
synonym: example, sample, illustration

(1) for **instance**, (2) notable **instance**

These articles cite five **instances** of climate change.

usable

adj. able to be used; fit or ready for use or service
synonym: functional, operational, practical

(1) **usable** technology, (2) **usable** as office space

The device is only **usable** when it is connected to a power source.

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.

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.

maintain

v. to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true

synonym : preserve, uphold, sustain

(1) **maintain** order, (2) **maintain** good health

I need to **maintain** my car regularly to prevent any major mechanical issues.

infrastructure

n. the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies

synonym : foundation, framework

(1) IT **infrastructure**, (2) **infrastructure** cost

Aging societies tend to require huge costs for **infrastructure** maintenance.

ecology

n. the study of the relationships between living organisms, including humans, and their physical environment

(1) science of **ecology**, (2) the **ecology** of the island

Many companies are now enthusiastically embracing the knowledge of **ecology** for sustainable development.

footprint

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

synonym : footmark, imprint, impression

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

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

congest

v. to make something blocked or crowded so as to hinder or prevent freedom of movement or flow of liquid

synonym : clog, choke, crowd

(1) **congest** in a vein, (2) **congest** a highway

The roads to the airport were heavily **congested**.

advance

v. to go or move forward; to develop in a positive way

synonym : progress, boost, come along

(1) **advance** the technology, (2) **advance** a cooperative

relationship

Scientific knowledge will **advance** significantly with the power of AI.

leapfrog

n. a children's game in which players take turns jumping over each other's stooped backs

synonym: hopping, jumpfrog

(1) **leapfrog** game, (2) **leapfrog** technology

During recess, the children played a game of **leapfrog** in the schoolyard.

nation

n. a large organized community of people living in a particular country or region and having a particular culture

synonym: country, state, sovereign entity

(1) **nation-state**, (2) a seafaring **nation**

The **nation** of Japan is known for its unique culture and advanced technology.

telecom

n. (a shortened form of telecommunications) the communication of information over long distances through various means such as phones, television, radio, and the internet

synonym: communication, telecommunications, telephony

(1) **telecom** industry, (2) **telecom** service providers

The **telecom** company is planning to launch a new smartphone next month.

transport

n. a system for moving people or products from one location to another using automobiles, roads, and so on

synonym: shipment, transit, conveyance

(1) **transport** facilities, (2) access to public **transport**

Enhanced rail **transportation** is crucial for our business.

scenario

n. a description of possible actions or events in the future; a written outline of a play, film, or literary work

synonym: plan, scheme, procedure

(1) the worst case **scenario**, (2) number of different **scenarios**

The president prepared several possible **scenarios** for an enemy attack.

maternal

adj. relating to or characteristic of a mother; having feelings that are typical of a caring mother towards her child

synonym: motherly, maternalistic, maternal-like

(1) on the **maternal** side, (2) **maternal** care

She had a very **maternal** instinct towards her newborn baby.

ward

n. a room in a hospital for patients requiring special care

synonym: room, division, unit

(1) a children's **ward**, (2) **ward** nurse

The patient was moved to the intensive care **ward** for further treatment.

urgent

adj. requiring immediate attention or action; pressing

synonym: pressing, critical, immediate

(1) an **urgent** telegram, (2) **urgent** situation

It is **urgent** that we leave for the airport now to catch our flight.

medication

n. a drug or other form of medicine that treats, prevents, or alleviates the symptoms of the disease

synonym: cure, drug, medicine

(1) antibiotic **medication**, (2) **medication** by mouth

The pharmacist not only prescribes the **medication** but also guides its proper use.

immediately

adv. now or without delay

synonym: directly, instantly, promptly

(1) **immediately** recall a product, (2) write him an answer **immediately**

A suspension order from the court is effective **immediately**.

autonomous

adj. capable of governing or controlling its affairs

synonym: independent, self-governing, self-reliant

(1) development of **autonomous** vehicles, (2) an **autonomous** judiciary

Five of the six provinces will become **autonomous** regions under the new federal system of government.

payload

n. the amount of cargo or goods that a vehicle or equipment is designed to carry or transport; in computing, the amount of data that can be transmitted over a communication system

synonym: cargo, freight, shipment

(1) **payload** capacity, (2) satellite **payload**

The **payload** for the rocket launch included several satellites and scientific instruments.

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.

continent

n. one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex

synonym: landmass, (adjective) chaste, (adjective) pure

(1) the inland of a **continent**, (2) **continent** urinary diversion

Flight across the **continent** was a daring adventure in its day.

flexible

adj. able to change or be changed to suit new conditions or situations; able to bend easily

synonym: adaptable, elastic, pliable

(1) **flexible** schedules, (2) a **flexible** wire

You can be more **flexible** and creative in your approach.

automated

adj. carried out by machines or computers to replace or decrease human labor

synonym: computerized, mechanical, laborsaving

(1) **automated** manual transmission, (2) **automated** way

The plant will continue operating through an **automated** system 24 hours a day.

swap

v. to give something and receive something in trade

synonym: exchange, switch, trade

(1) **swap** seats, (2) **swap** columns with rows

Don't **swap** horses while crossing a stream.

battery

n. a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them

synonym: electric cell, array, batch

(1) a dry **battery**, (2) **battery** charging

The engine did not start because the **battery** was flat.

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.

quad

n. (short for quadrangle) a square or rectangular open area or courtyard, often surrounded by buildings or used for recreational or social purposes

synonym: quadrangle, square, block

(1) **quad** room, (2) **quad** biking

We met at the campus **quad** to study for our upcoming exams.

trespass

v. to enter someone's private property without permission or legal authority; to infringe upon or violate someone's rights, boundaries, or personal space

synonym: intrude, invade, encroach

(1) **trespass** against his rights, (2) **trespass** into the country's waters

The sign warns visitors not to **trespass** on private property.

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.

stick

v. to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material

synonym: pierce, adhere, stay

(1) **stick** a key in a lock, (2) fire **stick**

You **stick** a bill in the change machine, and the coins pop out.

traffic

n. the movement of vehicles, people, or goods along a route or through a transport system; the amount of such movement in a particular place or at a particular time

synonym: congestion, jam, flow

(1) **traffic** jam, (2) heavy **traffic**

We decided to take a detour to avoid the construction **traffic** on the main road.

navigate

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

synonym: guide, helm, voyage

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

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

equip

v. to provide a person or a place with the things that are needed for a particular purpose or activity

synonym: prepare, furnish, provide

(1) **equip** an army, (2) **equip** our children with some special skills

The construction company **equipped** the building with an earthquake-resistant device.

automatic

adj. able to work or operate with little or no direct human control; independent of external control

synonym: mechanical, robotic, intuitive

(1) **automatic** operation, (2) the **automatic** shrinking of the pupils

In passenger aircraft, it is common to use an **automatic** pilot during cruising.

exchange

v. to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded

synonym: trade, swap, interchange

(1) **exchange** rate, (2) **exchange** a few friendly words

My sister and I frequently **exchange** books, as we love reading.

mechanism

n. a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction

synonym: means, method, system

(1) the **mechanism** for DNA replication, (2) defense **mechanism**

He discovered unique **mechanisms** for photochemical reactions.

dock

n. a structure or platform that extends from the shoreline into a body of water, used for loading and unloading ships or boats; an enclosed area of water used as a basin for shipping or pleasure boats; a place where a ship can be repaired or maintained

synonym: harbor, pier, quay

(1) fishing **dock**, (2) loading **dock**

The ship pulled to the **dock**, and we disembarked to start our adventure.

automatically

adv. without needing a direct human control

synonym: mechanically, unconsciously, spontaneously

(1) record driving **automatically**, (2) **automatically** adjusted

Our subscription plan is **automatically** renewed.

locate

v. to specify or determine the exact position of someone or something

synonym: discover, find, place

(1) **locate** a missing pet, (2) **locate** a tumor

The robot can accurately **locate** construction material.

vulnerable

adj. capable of being hurt or influenced physically or mentally

synonym: susceptible, exposed, weak

(1) a **vulnerable** bridge, (2) **vulnerable** parts of the body

Infants and pregnant women are particularly **vulnerable**.

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**.

perspective

n. a confident attitude toward something; a particular style of thinking about something

synonym: viewpoint, standpoint, outlook

(1) a **perspective** view, (2) the **perspective** of the battle
His father's death changed his whole **perspective** on life.

fulfill

v. to meet the requirements or expectations; to achieve or realize

synonym: satisfy, complete, accomplish

(1) **fulfill** a contract, (2) **fulfill** a lifetime dream

It was the first time for her, but she **fulfilled** the role of Priest.

requirement

n. something that is needed or wanted

synonym: prerequisite, provision, condition

(1) meet **requirement**, (2) school **requirement**

What is the entry **requirement** for this course?

commerce

n. the activity of buying and selling things, especially on a large scale

synonym: trade, transaction, dealings

(1) interstate **commerce**, (2) the local chamber of **commerce**

This company has invested heavily in Internet **commerce**.

hub

n. the central or main part of a particular place, activity, network, etc.; the central part of a car wheel, fan, propeller, etc., through which the shaft or axle passes

synonym: center, junction, focal point

(1) a **hub** of commerce, (2) education **hub**

This airport has taken the first step to become an international **hub** airport.

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.

monitor

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

synonym: proctor, check, observe

(1) **monitor** an exam, (2) **monitor** the data carefully

They used a special receiver to **monitor** police radio channels.

optimize

v. to make the best or most effective use of something

synonym: advance, amend, improve

(1) **optimize** a process, (2) **optimize** control for cooling

The essence of economics is to **optimize** the allocation of limited resources.

adverse

adj. unfavorable or harmful

synonym: hostile, detrimental, unfavorable

(1) **adverse** circumstances, (2) **adverse** reaction

The **adverse** weather conditions forced us to cancel the outdoor event.

flee

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

synonym: exit, escape, run away

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

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

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.

delivery

n. the act of taking or sending something to a destination; the bringing of a baby during childbirth

synonym: sending, transporting, bringing

(1) an easy **delivery**, (2) special **delivery**

The **delivery** truck arrived with the packages.

earthquake

n. a sudden and violent shaking of the ground caused by the movement of rock beneath the earth's surface

synonym: seismic activity, tremor, temblor

(1) an **earthquake** zone, (2) an **earthquake-proof**

The violent **earthquake** caused widespread damage and injuries throughout the region.

climate

n. the weather in a particular location averaged over some long period

synonym: atmosphere, weather, environment

(1) a cold **climate**, (2) effects of **climate** change

Climate and weather have an impact on every part of our lifestyles.

sturdy

adj. physically strong and not easily damaged

synonym: tough, bulky, inflexible

(1) **sturdy** frame, (2) **sturdy** young athletes

The vehicle is **sturdy** enough to handle rough terrain.

sandy

adj. covered with or containing sand; (especially of hair color) pale yellowish to yellowish brown

synonym: arenaceous, sandlike

(1) miles of **sandy** beaches, (2) **sandy** hair

The rain rapidly soaked into the **sandy** soil.

counterintuitive

adj. contrary to what common sense would suggest

synonym: unreasonable, paradoxical, nonsensical

(1) **counterintuitive** results, (2) **counterintuitive** behavior

The **counterintuitive** nature of quantum physics has been a source of confusion for scientists for decades.

expend

v. to use or spend time, money, energy, etc.

synonym: disburse, spend, pay

(1) **expend** a great deal of energy, (2) **expend** time and resources

Billionaires tend to **expend** private funds on a public

undertaking.

clinic

n. a building or hospital department where people can go for medical care or advice, especially of a particular condition

synonym : hospital, infirmary

(1) visit to the veterinary **clinic**, (2) a dental **clinic**

She holds a **clinic** on Tuesday mornings.

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.

span

n. the entire length of something, such as time or space from beginning to end; the amount of space that something covers

synonym : interval, period, length

(1) the **span** of a bird's wings, (2) the average life **span**

He slightly modified the **span** of training because it was just before a match.

roughly

adv. approximately but not precisely; with a violent manner

synonym : approximately, more or less, around

(1) **roughly** explain my idea, (2) **roughly** speaking

Five miles is **roughly** similar to eight kilometers.

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**.

paradigm

n. a standard or typical example of something; a pattern or model

synonym: example, standard, epitome

(1) major **paradigm** shift, (2) cultural **paradigm**

He postulated a completely different **paradigm** to explain all these phenomena.

decentralize

v. to move the power, control, or authority of an organization, government, or system from a single place to several smaller ones

synonym: deconcentrate, disperse, distribute

(1) **decentralize** authority, (2) **decentralize** organizational structure

We need to **decentralize** our data to recover quickly from a disaster.

peer

n. a person who has the same age, status, or ability

synonym: fellow, associate, counterpart

(1) **peer** group, (2) **peer** review

Among young people, **peer** pressure can be pretty influential.

bidirectional

adj. capable of functioning or moving in two opposite directions; involving or allowing communication or transmission in two opposite directions

synonym: two-way, reciprocal, dual

(1) **bidirectional** communication, (2) **bidirectional** street

The **bidirectional** flow of information allows for efficient communication between the two departments.

adaptable

adj. able or willing to modify or be modified to deal with new situations

synonym: flexible, adjustable, elastic

(1) **adaptable** enough for the environment, (2) an **adaptable** person

We seek a candidate who possesses **adaptable** fighting potential.

spectrum

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

synonym: range, scale, spread

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

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

megacity

n. a huge city, especially with a population of more than 10 million people

(1) **megacity** pollution, (2) **megacity** project

The fishing village grew rapidly into a bustling **megacity**.

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.

urbanization

n. the process of population growth and physical expansion of cities, often involving increased migration from rural areas and the development of urban infrastructure and culture

synonym: urban development, urban growth, urban expansion

(1) **urbanization** process, (2) non- **urbanization** area

Rapid **urbanization** has led to many environmental and social issues in cities.

trend

n. a general direction in which something is changing or developing

synonym: direction, movement, tendency

(1) an international **trend**, (2) the **trend** away from television

The oil price continued their downward **trend**.

inefficient

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

synonym: ineffective, counterproductive, inadequate

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

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

initially

adv. at the beginning; at first

synonym : originally, primarily, firstly

(1) **initially** anticipated, (2) diagnosed **initially** as a tumor

This train departed later than **initially** scheduled.

lightweight

adj. composed of thinner and lighter material than average;
not severe or impressive

(1) **lightweight** aircraft, (2) **lightweight** structure

Powder coating protects the **lightweight** aluminum alloy components.

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.

ultimate

adj. furthest or highest in degree or order

synonym : highest, maximum, foremost

(1) the **ultimate** goal in life, (2) the **ultimate** luxury

Management must take **ultimate** responsibility for the accident.

scalable

adj. capable of being easily expanded or increased in size,
number, or scale to meet changing demands

synonym : expandable, flexible, adjustable

(1) **scalable** solution, (2) dynamically **scalable**

The company's new software is highly **scalable**, allowing it to handle increasing number of users.

background

n. the details of a person's social heritage, such as family,
vocational or educational experience; past information
that is essential to understanding a situation or problem

synonym : ground, experience, backdrop

(1) a **background** color, (2) a criminal **background**

The company's hiring criteria emphasize personality, not a person's **background**.

crazy

adj. stupid or not sensible; very angry

synonym: insane, absurd, bizarre

(1) **crazy** about cars and racing, (2) a **crazy** scheme

The rain and thunder are **crazy** today.

engage

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

synonym: confront, employ, amuse

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

(2) **engage** a new employee

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

drone

n. a low continuous humming noise; someone who takes more time than necessary; a pilot-less aerial vehicle that is operated by remote control

synonym: hum, whirr, idler

(1) **drone** flight, (2) the speaker's **drone**

He heard a **drone** of sirens roar from the neighboring town.

unpopular

adj. not liked, supported, or approved by many people; having an unfavorable reputation

synonym: disliked, unloved, unsupported

(1) **unpopular** decision, (2) an **unpopular** opinion

The politician's stance on controversial issues made him an **unpopular** candidate for many voters.

unpleasant

adj. not enjoyable or comfortable

synonym: disagreeable, displeasing, distasteful

(1) **unpleasant** behavior, (2) with **unpleasant** body odor

It is **unpleasant** to see criminal behavior even though it is minor.

conflict

n. a strong disagreement, argument, or a violent clash between two opposing groups or individuals

synonym: clash, discord, competition

(1) the **conflict** between good and evil, (2) the longstanding **conflict**

He and I often had **conflicts**, not only in personality but also in ideology.

vaccine

n. a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)

synonym: vaccinum

(1) development of **vaccines**, (2) an oral **vaccine**

The mRNA **vaccine** was approved in less than a year because it did not contain the fragments of the target virus.

unfair

adj. not giving equal treatment or opportunities to people involved; marked by injustice, partiality, or deception

synonym: wrongful, biased, dishonest

(1) **unfair** employment practices, (2) have an **unfair** advantage

In a democracy, it is necessary to monitor the judiciary to see if it is making **unfair** decisions.

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.

tuberculosis

n. an infectious disease usually caused by tubercle bacteria that can attack many parts of a person's body, especially their lungs

(1) died of **tuberculosis**, (2) a medicine for **tuberculosis**

Tuberculosis used to be considered a fatal disease.

epidemic

n. the widespread outbreak of a particular disease in a large number of people at the same time

synonym: outbreak, contagion, plague

(1) a worldwide **epidemic**, (2) health **epidemic**

The disease is now reaching **epidemic** proportions in our country.

platform

n. the raised flat space close to the track at a train station where passengers get on or off the train; (technology) a computational or digital environment in which a piece of software is executed

synonym: stage, podium, forum

(1) an arrival **platform**, (2) a digital **platform** for enterprise

The speaker mounted the **platform** and started to speak.

economy

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

synonym: finance, trade, business

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

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

transaction

n. an instance of buying or selling something; the act or process of doing something

synonym: trade, dealing, commerce

(1) card with no foreign **transaction** fees, (2) **transaction** balance

Electronic **transactions** remain incomplete due to system errors.

lift

v. to raise something to a higher position or level; to pick up something or somebody and move them to a different

position

synonym : raise, elevate, move up

(1) **lift** sagging skin, (2) **lift** a ban on alcohol

The drought **lifted** the prices of grain globally.

poverty

n. the condition of being extremely poor

synonym : deprivation, destitution, poorness

(1) **poverty** alleviation, (2) the cycle of **poverty**

Many studies have investigated the relationship between **poverty** and academic achievement.

emerging

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

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

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

Emerging technologies have dramatically improved productivity in various industries.

livable

adj. capable of being lived in comfortably and sustainably; suitable for human habitation

synonym : habitable, comfortable, pleasant

(1) **livable** city, (2) **livable** housing

Finding a safe and **livable** neighborhood is important when looking for a new place to live.

fiction

n. the type of book or story, especially novels, that describes imaginary events and people; anything made up or imagined that is not true

synonym : fantasy, fable, invention

(1) stuff of science **fiction**, (2) non- **fiction** bestseller

Truth is stranger than **fiction**.

firm

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

synonym : stable, secure, steadfast

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

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

Session 2: Spelling

1. q__d room
n. (short for quadrangle) a square or rectangular open area or courtyard, often surrounded by buildings or used for recreational or social purposes
2. am____g advances
adj. extremely surprising, especially in a way that you like or admire
3. the worst case sc____io
n. a description of possible actions or events in the future; a written outline of a play, film, or literary work
4. dr__e flight
n. a low continuous humming noise; someone who takes more time than necessary; a pilot-less aerial vehicle that is operated by remote control
5. ro____y speaking
adv. approximately but not precisely; with a violent manner
6. me____al chemistry
adj. of or relating to the treatment or cure of disease
7. li____e housing
adj. capable of being lived in comfortably and sustainably; suitable for human habitation
8. na____te through a document
v. to plan and direct the way that a ship, plane, etc. will travel, often by using a map
9. the s__n of a bird's wings
n. the entire length of something, such as time or space from beginning to end; the amount of space that something covers

ANSWERS: 1. quad, 2. amazing, 3. scenario, 4. drone, 5. roughly, 6. medicinal, 7. livable, 8. navigate, 9. span

10. the tr__d away from television *n.* a general direction in which something is changing or developing
11. severe cr___c *n.* someone who expresses opinions about the quality of books, music, etc.
12. 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
13. satellite pa_____d *n.* the amount of cargo or goods that a vehicle or equipment is designed to carry or transport; in computing, the amount of data that can be transmitted over a communication system
14. development of aut_____us vehicles *adj.* capable of governing or controlling its affairs
15. an oral va_____e *n.* a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)
16. na_____te the Pacific *v.* to plan and direct the way that a ship, plane, etc. will travel, often by using a map
17. n__m of action *n.* something that is regarded as usual, typical, or standard
18. the per_____ve of the battle *n.* a confident attitude toward something; a particular style of thinking about something

ANSWERS: 10. trend, 11. critic, 12. distance, 13. payload, 14. autonomous, 15. vaccine, 16. navigate, 17. norm, 18. perspective

19. a fl____le wire *adj.* able to change or be changed to suit new conditions or situations; able to bend easily
20. s__p columns with rows *v.* to give something and receive something in trade
21. sus____le alternative fuel *adj.* able to continue or be continued for a long time
22. the inland of a co____nt *n.* one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex
23. traditional me____al *adj.* of or relating to the treatment or cure of disease
24. ur____t situation *adj.* requiring immediate attention or action; pressing
25. an ad____le person *adj.* able or willing to modify or be modified to deal with new situations
26. re____le access *adj.* worthy of being relied on; trustworthy
27. me____ty project *n.* a huge city, especially with a population of more than 10 million people
28. cr__y about cars and racing *adj.* stupid or not sensible; very angry
29. w__d nurse *n.* a room in a hospital for patients requiring special care
30. heavy tr____c *n.* the movement of vehicles, people, or goods along a route or through a transport system; the amount of such movement in a particular place or at a particular time

ANSWERS: 19. flexible, 20. swap, 21. sustainable, 22. continent, 23. medicinal, 24. urgent, 25. adaptable, 26. reliable, 27. megacity, 28. crazy, 29. ward, 30. traffic

31. p__r review *n.* a person who has the same age, status, or ability
32. health ep____ic *n.* the widespread outbreak of a particular disease in a large number of people at the same time
33. sa__y hair *adj.* covered with or containing sand; (especially of hair color) pale yellowish to yellowish brown
34. ex____d a great deal of energy *v.* to use or spend time, money, energy, etc.
35. eve_____ly succeed *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
36. the cycle of po____y *n.* the condition of being extremely poor
37. tra_____on balance *n.* an instance of buying or selling something; the act or process of doing something
38. a per_____ve view *n.* a confident attitude toward something; a particular style of thinking about something
39. the ec____y of the island *n.* the study of the relationships between living organisms, including humans, and their physical environment
40. co____t in a vein *v.* to make something blocked or crowded so as to hinder or prevent freedom of movement or flow of liquid
41. fire st__k *v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material

ANSWERS: 31. peer, 32. epidemic, 33. sandy, 34. expend, 35. eventually, 36. poverty, 37. transaction, 38. perspective, 39. ecology, 40. congest, 41. stick

42. rel_____ty test *n.* the quality of being able to be trusted or believed in doing what someone desires or requires
43. 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
44. fo_____nts in the snow *n.* a mark of a foot, shoe, or animal's foot left on a surface
45. ec_____y of scale *n.* the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel
46. for in_____ce *n.* a particular example or single occurrence of something
47. f__m grip *adj.* resolute or unwavering in decision-making or action; strong or secure in structure, make, or composition; reliable, trustworthy, or dependable; (noun) a business or company
48. bid_____nal street *adj.* capable of functioning or moving in two opposite directions; involving or allowing communication or transmission in two opposite directions
49. the me_____sm for DNA replication *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction

ANSWERS: 42. reliability, 43. distance, 44. footprint, 45. economy, 46. instance, 47. firm, 48. bidirectional, 49. mechanism

50. the co____ct between good and evil *n.* a strong disagreement, argument, or a violent clash between two opposing groups or individuals
51. a cr__y scheme *adj.* stupid or not sensible; very angry
52. art cr____c *n.* someone who expresses opinions about the quality of books, music, etc.
53. ine_____nt management *adj.* lacking the ability or skill and not making the best use of time, money, energy, etc.
54. dynamically sc____le *adj.* capable of being easily expanded or increased in size, number, or scale to meet changing demands
55. miles of sa__y beaches *adj.* covered with or containing sand; (especially of hair color) pale yellowish to yellowish brown
56. an____e a chemical compound *v.* to think about in-depth and evaluate to discover essential features or meaning
57. ad____e reaction *adj.* unfavorable or harmful
58. an ear_____ke-proof *n.* a sudden and violent shaking of the ground caused by the movement of rock beneath the earth's surface
59. s__p seats *v.* to give something and receive something in trade
60. te____m industry *n.* (a shortened form of telecommunications) the communication of information over long distances through various means such as phones, television, radio, and the internet

ANSWERS: 50. conflict, 51. crazy, 52. critic, 53. inefficient, 54. scalable, 55. sandy, 56. analyze, 57. adverse, 58. earthquake, 59. swap, 60. telecom

61. ba____y charging *n.* a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them
62. ad____e the technology *v.* to go or move forward; to develop in a positive way
63. with unp____nt body odor *adj.* not enjoyable or comfortable
64. lo___e a tumor *v.* to specify or determine the exact position of someone or something
65. st___y frame *adj.* physically strong and not easily damaged
66. sub____an countries *adj.* of or relating to or situated in the area south of the Sahara Desert
67. em____ng technologies *adj.* starting to exist, mature, or become well-known
68. es____te this chicken to weigh three pounds *v.* to guess or calculate the cost, size, value, etc. of something
69. key co____nt *n.* one of several parts that combines with others to form something bigger
70. the local chamber of co____ce *n.* the activity of buying and selling things, especially on a large scale
71. I__t a ban on alcohol *v.* to raise something to a higher position or level; to pick up something or somebody and move them to a different position
72. le____og technology *n.* a children's game in which players take turns jumping over each other's stooped backs
73. bid____nal communication *adj.* capable of functioning or moving in two opposite directions; involving or allowing communication or transmission in two opposite directions

ANSWERS: 61. battery, 62. advance, 63. unpleasant, 64. locate, 65. sturdy, 66. sub-Saharan, 67. emerging, 68. estimate, 69. component, 70. commerce, 71. lift, 72. leapfrog, 73. bidirectional

74. cultural n__m *n.* something that is regarded as usual, typical, or standard
75. ine_____nt use *adj.* lacking the ability or skill and not making the best use of time, money, energy, etc.
76. meet req_____nt *n.* something that is needed or wanted
77. an_____e your real motives *v.* to think about in-depth and evaluate to discover essential features or meaning
78. non-fi_____n bestseller *n.* the type of book or story, especially novels, that describes imaginary events and people; anything made up or imagined that is not true
79. an aut_____us judiciary *adj.* capable of governing or controlling its affairs
80. unp_____nt behavior *adj.* not enjoyable or comfortable
81. pa_____d capacity *n.* the amount of cargo or goods that a vehicle or equipment is designed to carry or transport; in computing, the amount of data that can be transmitted over a communication system
82. fl_____le schedules *adj.* able to change or be changed to suit new conditions or situations; able to bend easily
83. science of ec_____y *n.* the study of the relationships between living organisms, including humans, and their physical environment
84. stuff of science fi_____n *n.* the type of book or story, especially novels, that describes imaginary events and people; anything made up or imagined that is not true

ANSWERS: 74. norm, 75. inefficient, 76. requirement, 77. analyze, 78. fiction, 79. autonomous, 80. unpleasant, 81. payload, 82. flexible, 83. ecology, 84. fiction

85. po____y alleviation *n.* the condition of being extremely poor
86. the ul____te luxury *adj.* furthest or highest in degree or order
87. cultural pa____gm *n.* a standard or typical example of something; a pattern or model
88. defense me____sm *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
89. a criminal bac____nd *n.* the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem
90. dec____ize organizational structure *v.* to move the power, control, or authority of an organization, government, or system from a single place to several smaller ones
91. non-urb____ion area *n.* the process of population growth and physical expansion of cities, often involving increased migration from rural areas and the development of urban infrastructure and culture
92. l__t sagging skin *v.* to raise something to a higher position or level; to pick up something or somebody and move them to a different position
93. 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

ANSWERS: 85. poverty, 86. ultimate, 87. paradigm, 88. mechanism, 89. background, 90. decentralize, 91. urbanization, 92. lift, 93. advantage

94. a broad sp____um of opinion *n.* an ordered array of colors into which a light beam can be split
95. a h_b of commerce *n.* the central or main part of a particular place, activity, network, etc.; the central part of a car wheel, fan, propeller, etc., through which the shaft or axle passes
96. eq__p our children with some special skills *v.* to provide a person or a place with the things that are needed for a particular purpose or activity
97. st__k a key in a lock *v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
98. fu_____l a lifetime dream *v.* to meet the requirements or expectations; to achieve or realize
99. a children's w__d *n.* a room in a hospital for patients requiring special care
100. an international tr__d *n.* a general direction in which something is changing or developing
101. fishing d__k *n.* a structure or platform that extends from the shoreline into a body of water, used for loading and unloading ships or boats; an enclosed area of water used as a basin for shipping or pleasure boats; a place where a ship can be repaired or maintained
102. write him an answer imm_____ly *adv.* now or without delay
103. a dental cl___c *n.* a building or hospital department where people can go for medical care or advice, especially of a particular condition

ANSWERS: 94. spectrum, 95. hub, 96. equip, 97. stick, 98. fulfill, 99. ward, 100. trend, 101. dock, 102. immediately, 103. clinic

104. tr____ss into the country's waters *v.* to enter someone's private property without permission or legal authority; to infringe upon or violate someone's rights, boundaries, or personal space
105. mo____r an exam *v.* to observe, check, and track the progress or quality of something over a period of time
106. an ur____t telegram *adj.* requiring immediate attention or action; pressing
107. li____e city *adj.* capable of being lived in comfortably and sustainably; suitable for human habitation
108. mo____n poetry *adj.* of or belonging to the present time or recent times
109. education h_b *n.* the central or main part of a particular place, activity, network, etc.; the central part of a car wheel, fan, propeller, etc., through which the shaft or axle passes
110. cou_____ive results *adj.* contrary to what common sense would suggest
111. ad____e circumstances *adj.* unfavorable or harmful
112. antibiotic med____on *n.* a drug or other form of medicine that treats, prevents, or alleviates the symptoms of the disease
113. ex____d time and resources *v.* to use or spend time, money, energy, etc.
114. ad____le enough for the environment *adj.* able or willing to modify or be modified to deal with new situations

ANSWERS: 104. trespass, 105. monitor, 106. urgent, 107. livable, 108. modern, 109. hub, 110. counterintuitive, 111. adverse, 112. medication, 113. expend, 114. adaptable

115. us___e as office space *adj.* able to be used; fit or ready for use or service
116. an easy de_____ry *n.* the act of taking or sending something to a destination; the bringing of a baby during childbirth
117. te_____m service providers *n.* (a shortened form of telecommunications) the communication of information over long distances through various means such as phones, television, radio, and the internet
118. notable in_____ce *n.* a particular example or single occurrence of something
119. vul_____le parts of the body *adj.* capable of being hurt or influenced physically or mentally
120. au_____ic operation *adj.* able to work or operate with little or no direct human control; independent of external control
121. effects of cl_____e change *n.* the weather in a particular location averaged over some long period
122. IT inf_____ure *n.* the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies
123. the average life s__n *n.* the entire length of something, such as time or space from beginning to end; the amount of space that something covers
124. me_____ty pollution *n.* a huge city, especially with a population of more than 10 million people

ANSWERS: 115. usable, 116. delivery, 117. telecom, 118. instance, 119. vulnerable, 120. automatic, 121. climate, 122. infrastructure, 123. span, 124. megacity

125. a vul_____le bridge *adj.* capable of being hurt or influenced physically or mentally
126. p__r group *n.* a person who has the same age, status, or ability
127. a cold cl_____e *n.* the weather in a particular location averaged over some long period
128. the fo_____nts of an earlier civilization *n.* a mark of a foot, shoe, or animal's foot left on a surface
129. spare co_____nts for cars *n.* one of several parts that combines with others to form something bigger
130. au_____ed manual transmission *adj.* carried out by machines or computers to replace or decrease human labor
131. major pa_____gm shift *n.* a standard or typical example of something; a pattern or model
132. eve_____ly become obsolete *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
133. the most am_____g feeling *adj.* extremely surprising, especially in a way that you like or admire
134. a worldwide ep_____ic *n.* the widespread outbreak of a particular disease in a large number of people at the same time
135. dec_____ize authority *v.* to move the power, control, or authority of an organization, government, or system from a single place to several smaller ones
136. urb_____ion process *n.* the process of population growth and physical expansion of cities, often involving increased migration from rural areas and the development of urban infrastructure and culture

ANSWERS: 125. vulnerable, 126. peer, 127. climate, 128. footprint, 129. component, 130. automated, 131. paradigm, 132. eventually, 133. amazing, 134. epidemic, 135. decentralize, 136. urbanization

137. in___t in stocks *v.* to put money, effort, time, etc. into something to make a profit or achieve a result
138. special de_____ry *n.* the act of taking or sending something to a destination; the bringing of a baby during childbirth
139. f__e abroad *v.* to leave by running away, especially out of fear or danger
140. sc_____le solution *adj.* capable of being easily expanded or increased in size, number, or scale to meet changing demands
141. record driving aut_____lly *adv.* without needing a direct human control
142. interstate co_____ce *n.* the activity of buying and selling things, especially on a large scale
143. visit to the veterinary cl____c *n.* a building or hospital department where people can go for medical care or advice, especially of a particular condition
144. ma_____al care *adj.* relating to or characteristic of a mother; having feelings that are typical of a caring mother towards her child
145. a bac_____nd color *n.* the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem
146. imm_____ly recall a product *adv.* now or without delay
147. ro_____y explain my idea *adv.* approximately but not precisely; with a violent manner

ANSWERS: 137. invest, 138. delivery, 139. flee, 140. scalable, 141. automatically, 142. commerce, 143. clinic, 144. maternal, 145. background, 146. immediately, 147. roughly

148. infrared sp_____um *n.* an ordered array of colors into which a light beam can be split
149. have an un____r advantage *adj.* not giving equal treatment or opportunities to people involved; marked by injustice, partiality, or deception
150. en____e a new employee *v.* to attract and keep someone's attention and interest; to participate in or obtain services of something
151. lig_____ht structure *adj.* composed of thinner and lighter material than average; not severe or impressive
152. a me_____l opinion *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
153. an un_____ar opinion *adj.* not liked, supported, or approved by many people; having an unfavorable reputation
154. co_____t a highway *v.* to make something blocked or crowded so as to hinder or prevent freedom of movement or flow of liquid
155. access to public tr_____rt *n.* a system for moving people or products from one location to another using automobiles, roads, and so on
156. principles of sus_____le development *adj.* able to continue or be continued for a long time
157. tr_____rt facilities *n.* a system for moving people or products from one location to another using automobiles, roads, and so on

ANSWERS: 148. spectrum, 149. unfair, 150. engage, 151. lightweight, 152. medical, 153. unpopular, 154. congest, 155. transport, 156. sustainable, 157. transport

158. score an ad_____ge *n.* a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has
159. ad_____e a cooperative relationship *v.* to go or move forward; to develop in a positive way
160. q__d biking *n.* (short for quadrangle) a square or rectangular open area or courtyard, often surrounded by buildings or used for recreational or social purposes
161. cou_____ive behavior *adj.* contrary to what common sense would suggest
162. es_____te a fair value *v.* to guess or calculate the cost, size, value, etc. of something
163. en___e in environmental protection activities *v.* to attract and keep someone's attention and interest; to participate in or obtain services of something
164. aut_____lly adjusted *adv.* without needing a direct human control
165. inf _____ure cost *n.* the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies
166. number of different sc_____ios *n.* a description of possible actions or events in the future; a written outline of a play, film, or literary work
167. card with no foreign tra_____on fees *n.* an instance of buying or selling something; the act or process of doing something
168. on the ma_____al side *adj.* relating to or characteristic of a mother; having feelings that are typical of a caring mother towards her child

ANSWERS: 158. advantage, 159. advance, 160. quad, 161. counterintuitive, 162. estimate, 163. engage, 164. automatically, 165. infrastructure, 166. scenario, 167. transaction, 168. maternal

169. a medicine for tub_____sis *n.* an infectious disease usually caused by tubercle bacteria that can attack many parts of a person's body, especially their lungs
170. loading d__k *n.* a structure or platform that extends from the shoreline into a body of water, used for loading and unloading ships or boats; an enclosed area of water used as a basin for shipping or pleasure boats; a place where a ship can be repaired or maintained
171. a digital pl_____rm for enterprise *n.* the raised flat space close to the track at a train station where passengers get on or off the train; (technology) a computational or digital environment in which a piece of software is executed
172. the longstanding co_____ct *n.* a strong disagreement, argument, or a violent clash between two opposing groups or individuals
173. eq__p an army *v.* to provide a person or a place with the things that are needed for a particular purpose or activity
174. an arrival pl_____rm *n.* the raised flat space close to the track at a train station where passengers get on or off the train; (technology) a computational or digital environment in which a piece of software is executed
175. in_____ly anticipated *adv.* at the beginning; at first
176. na___n-state *n.* a large organized community of people living in a particular country or region and having a particular culture

ANSWERS: 169. tuberculosis, 170. dock, 171. platform, 172. conflict, 173. equip, 174. platform, 175. initially, 176. nation

188. ec____y class *n.* the system by which a country or region produces, manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel
189. un____r employment practices *adj.* not giving equal treatment or opportunities to people involved; marked by injustice, partiality, or deception
190. em____ng country *adj.* starting to exist, mature, or become well-known
191. temporary me____l treatment *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
192. med____on by mouth *n.* a drug or other form of medicine that treats, prevents, or alleviates the symptoms of the disease
193. died of tub____sis *n.* an infectious disease usually caused by tubercle bacteria that can attack many parts of a person's body, especially their lungs
194. un____ar decision *adj.* not liked, supported, or approved by many people; having an unfavorable reputation
195. ex____ge rate *v.* to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded

ANSWERS: 188. economy, 189. unfair, 190. emerging, 191. medical, 192. medication, 193. tuberculosis, 194. unpopular, 195. exchange

203. guarantee re_____le delivery *adj.* worthy of being relied on; trustworthy
204. ex_____ge a few friendly words *v.* to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded
205. op_____ze a process *v.* to make the best or most effective use of something
206. us_____e technology *adj.* able to be used; fit or ready for use or service
207. a dry ba_____y *n.* a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them
208. lig_____ht aircraft *adj.* composed of thinner and lighter material than average; not severe or impressive
209. f__e their homes *v.* to leave by running away, especially out of fear or danger
210. st____y young athletes *adj.* physically strong and not easily damaged
211. ma_____in order *v.* to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true
212. pre-mo____n agricultural society *adj.* of or belonging to the present time or recent times
213. an ear_____ke zone *n.* a sudden and violent shaking of the ground caused by the movement of rock beneath the earth's surface

ANSWERS: 203. reliable, 204. exchange, 205. optimize, 206. usable, 207. battery, 208. lightweight, 209. flee, 210. sturdy, 211. maintain, 212. modern, 213. earthquake

214. sub_____an Africa *adj.* of or relating to or situated in the area south of the Sahara Desert
215. tr_____c jam *n.* the movement of vehicles, people, or goods along a route or through a transport system; the amount of such movement in a particular place or at a particular time
216. a seafaring na____n *n.* a large organized community of people living in a particular country or region and having a particular culture
217. diagnosed in_____ly as a tumor *adv.* at the beginning; at first
218. co_____nt urinary diversion *n.* one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex

ANSWERS: 214. sub-Saharan, 215. traffic, 216. nation, 217. initially, 218. continent

Session 3: Fill in the Blanks

1. Their headquarters are in a _____ skyscraper.
adj. of or belonging to the present time or recent times
2. The drought _____ the prices of grain globally.
v. to raise something to a higher position or level; to pick up something or somebody and move them to a different position
3. _____ technologies have dramatically improved productivity in various industries.
adj. starting to exist, mature, or become well-known
4. The systems we have developed has accepted as industry _____.
n. something that is regarded as usual, typical, or standard
5. The _____ properties of this herb have been known to help with various ailments.
adj. of or relating to the treatment or cure of disease
6. The construction company _____ the building with an earthquake-resistant device.
v. to provide a person or a place with the things that are needed for a particular purpose or activity
7. Don't _____ horses while crossing a stream.
v. to give something and receive something in trade
8. The _____ nature of quantum physics has been a source of confusion for scientists for decades.
adj. contrary to what common sense would suggest

ANSWERS: 1. modern, 2. lifted, 3. Emerging, 4. norms, 5. medicinal, 6. equipped, 7. swap, 8. counterintuitive

9. Finding a safe and _____ neighborhood is important when looking for a new place to live.
adj. capable of being lived in comfortably and sustainably; suitable for human habitation
10. The system is still so _____ that it is useless.
adj. lacking the ability or skill and not making the best use of time, money, energy, etc.
11. The rain and thunder are _____ today.
adj. stupid or not sensible; very angry
12. The vehicle is _____ enough to handle rough terrain.
adj. physically strong and not easily damaged
13. He postulated a completely different _____ to explain all these phenomena.
n. a standard or typical example of something; a pattern or model
14. Five of the six provinces will become _____ regions under the new federal system of government.
adj. capable of governing or controlling its affairs
15. 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
16. The engine did not start because the _____ was flat.
n. a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them

ANSWERS: 9. livable, 10. inefficient, 11. crazy, 12. sturdy, 13. paradigm, 14. autonomous, 15. invest, 16. battery

17. We need to _____ our data to recover quickly from a disaster.
v. to move the power, control, or authority of an organization, government, or system from a single place to several smaller ones
18. Aging societies tend to require huge costs for _____ maintenance.
n. the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies
19. 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
20. Management must take _____ responsibility for the accident.
adj. furthest or highest in degree or order
21. This device displayed the speech _____ spectrographically.
n. an ordered array of colors into which a light beam can be split
22. The golfer recorded an _____ distance.
adj. extremely surprising, especially in a way that you like or admire
23. The _____ weather conditions forced us to cancel the outdoor event.
adj. unfavorable or harmful
24. Billionaires tend to _____ private funds on a public undertaking.
v. to use or spend time, money, energy, etc.
25. The plant will continue operating through an _____ system 24 hours a day.
adj. carried out by machines or computers to replace or decrease human labor

ANSWERS: 17. decentralize, 18. infrastructure, 19. medical, 20. ultimate, 21. spectrum, 22. amazing, 23. adverse, 24. expend, 25. automated

26. They used a special receiver to _____ police radio channels.
v. to observe, check, and track the progress or quality of something over a period of time
27. 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
28. A suspension order from the court is effective _____.
adv. now or without delay
29. The speaker mounted the _____ and started to speak.
n. the raised flat space close to the track at a train station where passengers get on or off the train; (technology) a computational or digital environment in which a piece of software is executed
30. The corporation _____ dominated the entire tobacco business.
adv. finally, particularly after a long time or a lot of struggle, complications, and so on
31. Scientific knowledge will _____ significantly with the power of AI.
v. to go or move forward; to develop in a positive way
32. During recess, the children played a game of _____ in the schoolyard.
n. a children's game in which players take turns jumping over each other's stooped backs
33. The coffee producers in _____ countries are at the sharp end of fluctuations in price.
adj. of or relating to or situated in the area south of the Sahara Desert

ANSWERS: 26. monitor, 27. reliability, 28. immediately, 29. platform, 30. eventually, 31. advance, 32. leapfrog, 33. sub-Saharan

34. The patient was moved to the intensive care _____ for further treatment.
n. a room in a hospital for patients requiring special care
35. These articles cite five _____ of climate change.
n. a particular example or single occurrence of something
36. Flight across the _____ was a daring adventure in its day.
n. one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex
37. She holds a _____ on Tuesday mornings.
n. a building or hospital department where people can go for medical care or advice, especially of a particular condition
38. It was the first time for her, but she _____ the role of Priest.
v. to meet the requirements or expectations; to achieve or realize
39. The device is only _____ when it is connected to a power source.
adj. able to be used; fit or ready for use or service
40. 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
41. The pharmacist not only prescribes the _____ but also guides its proper use.
n. a drug or other form of medicine that treats, prevents, or alleviates the symptoms of the disease

ANSWERS: 34. ward, 35. instances, 36. continent, 37. clinic, 38. fulfilled, 39. usable, 40. distance, 41. medication

42. The politician's stance on controversial issues made him an _____ candidate for many voters.
adj. not liked, supported, or approved by many people; having an unfavorable reputation
43. The violent _____ caused widespread damage and injuries throughout the region.
n. a sudden and violent shaking of the ground caused by the movement of rock beneath the earth's surface
44. The _____ of the country is struggling due to the recent political instability.
n. the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel
45. 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
46. In passenger aircraft, it is common to use an _____ pilot during cruising.
adj. able to work or operate with little or no direct human control; independent of external control
47. 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

ANSWERS: 42. unpopular, 43. earthquake, 44. economy, 45. develop, 46. automatic, 47. advantages

48. The company's hiring criteria emphasize personality, not a person's _____.
- n.* the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem
49. _____ and weather have an impact on every part of our lifestyles.
- n.* the weather in a particular location averaged over some long period
50. She had a very _____ instinct towards her newborn baby.
- adj.* relating to or characteristic of a mother; having feelings that are typical of a caring mother towards her child
51. Many multinational companies are _____ in the reconstruction of that country.
- v.* to attract and keep someone's attention and interest; to participate in or obtain services of something
52. We _____ the season's total trade deficit at \$50 billion.
- v.* to guess or calculate the cost, size, value, etc. of something
53. You _____ a bill in the change machine, and the coins pop out.
- v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
54. The _____ deadline for submitting the project is tomorrow, so we need to work efficiently to finish on time.
- adj.* resolute or unwavering in decision-making or action; strong or secure in structure, make, or composition; reliable, trustworthy, or dependable; (noun) a business or company

ANSWERS: 48. background, 49. Climate, 50. maternal, 51. engaged, 52. estimated, 53. stick, 54. firm

55. Many companies are now enthusiastically embracing the knowledge of _____ for sustainable development.
- n.* the study of the relationships between living organisms, including humans, and their physical environment
56. The disease is now reaching _____ proportions in our country.
- n.* the widespread outbreak of a particular disease in a large number of people at the same time
57. We seek a candidate who possesses _____ fighting potential.
- adj.* able or willing to modify or be modified to deal with new situations
58. Enhanced rail _____ is crucial for our business.
- n.* a system for moving people or products from one location to another using automobiles, roads, and so on
59. I need to _____ my car regularly to prevent any major mechanical issues.
- v.* to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true
60. This train departed later than _____ scheduled.
- adv.* at the beginning; at first
61. The _____ truck arrived with the packages.
- n.* the act of taking or sending something to a destination; the bringing of a baby during childbirth
62. The _____ for the rocket launch included several satellites and scientific instruments.
- n.* the amount of cargo or goods that a vehicle or equipment is designed to carry or transport; in computing, the amount of data that can be transmitted over a communication system

ANSWERS: 55. ecology, 56. epidemic, 57. adaptable, 58. transportation, 59. maintain, 60. initially, 61. delivery, 62. payload

63. He discovered unique _____ for photochemical reactions.
n. a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
64. He and I often had _____ not only in personality but also in ideology.
n. a strong disagreement, argument, or a violent clash between two opposing groups or individuals
65. Many studies have investigated the relationship between _____ and academic achievement.
n. the condition of being extremely poor
66. The _____ flow of information allows for efficient communication between the two departments.
adj. capable of functioning or moving in two opposite directions; involving or allowing communication or transmission in two opposite directions
67. Advocates for legal reform hear less harsh words from their _____.
n. someone who expresses opinions about the quality of books, music, etc.
68. The company's new software is highly _____ allowing it to handle increasing number of users.
adj. capable of being easily expanded or increased in size, number, or scale to meet changing demands
69. The president prepared several possible _____ for an enemy attack.
n. a description of possible actions or events in the future; a written outline of a play, film, or literary work
70. The oil price continued their downward _____.
n. a general direction in which something is changing or developing

ANSWERS: 63. mechanisms, 64. conflicts, 65. poverty, 66. bidirectional, 67. critics, 68. scalable, 69. scenarios, 70. trend

71. The _____ of Japan is known for its unique culture and advanced technology.
n. a large organized community of people living in a particular country or region and having a particular culture
72. In a democracy, it is necessary to monitor the judiciary to see if it is making _____ decisions.
adj. not giving equal treatment or opportunities to people involved; marked by injustice, partiality, or deception
73. The mRNA _____ was approved in less than a year because it did not contain the fragments of the target virus.
n. a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)
74. Our subscription plan is _____ renewed.
adv. without needing a direct human control
75. The government should do more to support environmentally _____ agriculture.
adj. able to continue or be continued for a long time
76. We met at the campus _____ to study for our upcoming exams.
n. (short for quadrangle) a square or rectangular open area or courtyard, often surrounded by buildings or used for recreational or social purposes
77. Powder coating protects the _____ aluminum alloy components.
adj. composed of thinner and lighter material than average; not severe or impressive

ANSWERS: 71. nation, 72. unfair, 73. vaccine, 74. automatically, 75. sustainable, 76. quad, 77. lightweight

78. Trains are _____ inexpensive, and ideal for long-distance travel.
adj. worthy of being relied on; trustworthy
79. Infants and pregnant women are particularly _____.
adj. capable of being hurt or influenced physically or mentally
80. What is the entry _____ for this course?
n. something that is needed or wanted
81. Electronic _____ remain incomplete due to system errors.
n. an instance of buying or selling something; the act or process of doing something
82. Truth is stranger than _____.
n. the type of book or story, especially novels, that describes imaginary events and people; anything made up or imagined that is not true
83. It is _____ to see criminal behavior even though it is minor.
adj. not enjoyable or comfortable
84. 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
85. He slightly modified the _____ of training because it was just before a match.
n. the entire length of something, such as time or space from beginning to end; the amount of space that something covers
86. The sign warns visitors not to _____ on private property.
v. to enter someone's private property without permission or legal authority; to infringe upon or violate someone's rights, boundaries, or personal space

ANSWERS: 78. reliable, 79. vulnerable, 80. requirement, 81. transactions, 82. fiction, 83. unpleasant, 84. component, 85. span, 86. trespass

87. You can be more _____ and creative in your approach.
adj. able to change or be changed to suit new conditions or situations; able to bend easily
88. This company has invested heavily in Internet _____.
n. the activity of buying and selling things, especially on a large scale
89. The essence of economics is to _____ the allocation of limited resources.
v. to make the best or most effective use of something
90. It is a basic instinct to _____ from a dangerous situation.
v. to leave by running away, especially out of fear or danger
91. Rapid _____ has led to many environmental and social issues in cities.
n. the process of population growth and physical expansion of cities, often involving increased migration from rural areas and the development of urban infrastructure and culture
92. We choose transportation that has a smaller carbon _____.
n. a mark of a foot, shoe, or animal's foot left on a surface
93. The robot can accurately _____ construction material.
v. to specify or determine the exact position of someone or something
94. It is _____ that we leave for the airport now to catch our flight.
adj. requiring immediate attention or action; pressing
95. The fishing village grew rapidly into a bustling _____.
n. a huge city, especially with a population of more than 10 million people

ANSWERS: 87. flexible, 88. commerce, 89. optimize, 90. flee, 91. urbanization, 92. footprint, 93. locate, 94. urgent, 95. megacity

96. The _____ company is planning to launch a new smartphone next month.
- n.* (a shortened form of telecommunications) the communication of information over long distances through various means such as phones, television, radio, and the internet
97. Among young people, _____ pressure can be pretty influential.
- n.* a person who has the same age, status, or ability
98. We decided to take a detour to avoid the construction _____ on the main road.
- n.* the movement of vehicles, people, or goods along a route or through a transport system; the amount of such movement in a particular place or at a particular time
99. The ship pulled to the _____ and we disembarked to start our adventure.
- n.* a structure or platform that extends from the shoreline into a body of water, used for loading and unloading ships or boats; an enclosed area of water used as a basin for shipping or pleasure boats; a place where a ship can be repaired or maintained
100. _____ used to be considered a fatal disease.
- n.* an infectious disease usually caused by tubercle bacteria that can attack many parts of a person's body, especially their lungs
101. My sister and I frequently _____ books, as we love reading.
- v.* to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded

ANSWERS: 96. telecom, 97. peer, 98. traffic, 99. dock, 100. Tuberculosis, 101. exchange

102. Our knowledge helps _____ our clients successfully.

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

103. The roads to the airport were heavily _____.

- v.* to make something blocked or crowded so as to hinder or prevent freedom of movement or flow of liquid

104. The teacher attempted to _____ the root cause of our mistake.

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

105. Five miles is _____ similar to eight kilometers.

- adv.* approximately but not precisely; with a violent manner

106. His father's death changed his whole _____ on life.

- n.* a confident attitude toward something; a particular style of thinking about something

107. The rain rapidly soaked into the _____ soil.

- adj.* covered with or containing sand; (especially of hair color) pale yellowish to yellowish brown

108. He heard a _____ of sirens roar from the neighboring town.

- n.* a low continuous humming noise; someone who takes more time than necessary; a pilot-less aerial vehicle that is operated by remote control

109. This airport has taken the first step to become an international ____ airport.

- n.* the central or main part of a particular place, activity, network, etc.; the central part of a car wheel, fan, propeller, etc., through which the shaft or axle passes

ANSWERS: 102. navigate, 103. congested, 104. analyze, 105. roughly, 106. perspective, 107. sandy, 108. drone, 109. hub

ANSWERS: