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Massimo Russo: 3 ways your company's data can jump-start climate action | TED Talk

https://www.ted.com/talks/massimo_russo_3_ways_your_company_s_data_can_jump_start_climate_action

All Words

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Session 1: Word List

technological

adj. based on scientific and industrial progress

synonym: specialized, technical

(1) **technological** advancement, (2) **technological** policy

Technological advances have disrupted many industries.

confer

v. to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something

synonym: consult, meet, discuss

(1) **confer** degree, (2) **confer** honor

The leaders of the two countries met to **confer** on the issue.

impressive

adj. arousing admiration due to size, quality, or skill

synonym: impactful, remarkable, exceptional

(1) **impressive** performances, (2) an **impressive** array of facts

The budget reduction was an **impressive** feat for our nation.

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.

hype

n. advertisements and media discussions informing the public about a product and how nice or vital it is

synonym : hoopla, ballyhoo, advertising

(1) media **hype**, (2) emotional **hype**

The audience was not duped by the media's **hype** around the event.

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.

allegedly

adv. according to what has been stated or reported; supposedly

synonym : supposedly, reputedly

(1) **allegedly** guilty, (2) **allegedly** behind the plot

He **allegedly** stole money from the company.

seamless

adj. without spaces or breaks between one part and the next

synonym : smooth, continuous, unseamed

(1) enable **seamless** access, (2) **seamless** device connectivity

The service was **seamless**, and the food was quite delicious.

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.

scoot

v. to move or glide along quickly and smoothly on a surface, especially on a scooter or similar device

synonym :

glide, slide, scurry

(1) **scoot** out of my room, (2) **scoot** over

I have to **scoot** over to the next desk because there's not enough room for me to sit comfortably.

strategy

n. a detailed plan of action designed to achieve a long-term or overall goal.

synonym: approach, procedure, scenario

(1) military **strategy**, (2) develop a **strategy**

Our plan includes a comprehensive marketing **strategy**.

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.

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.

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**.

individual

n. a single person or thing, as distinct from a group

synonym: person, being, self

(1) a private **individual**, (2) **individual** freedom

As an **individual**, he had the right to make his own decisions and live his life as he saw fit.

ubiquitous

adj. being or existing everywhere at once

synonym : universal, omnipresent, everywhere

(1) **ubiquitous** computing, (2) **ubiquitous** across ecosystems

Sugar is **ubiquitous** in food.

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.

asthma

n. a chronic respiratory disease characterized by wheezing, coughing, and difficulty breathing

synonym : bronchial, bronchitis, respiratory ailment

(1) **asthma** attack, (2) **asthma** symptoms

He always had to carry an inhaler due to his severe **asthma**.

inhale

v. to breathe in air or a different substance, such as smoke

synonym : breathe in, take in, draw in

(1) **inhale** the smoke, (2) **inhale** the aroma

He **inhaled** deeply, trying to calm down.

infrared

adj. relating to or denoting electromagnetic radiation with a wavelength just longer than that of red light but shorter than that of microwave radiation, used for sensing heat and for remote control

synonym : thermal, warm, radiant

(1) an **infrared** lamp, (2) **infrared** radiation

The **infrared** camera revealed a hidden image on the surface.

temperature

n. the degree of hotness or coldness of a thing or place

synonym : climate, warmth, degree

(1) extreme **temperatures**, (2) the atmospheric

temperature

Cities around the world set records for highest **temperatures** this summer.

anonymous

adj. having no known name, identity, or known source

synonym: nameless, unidentified, unnamed

(1) **anonymous** letter, (2) **anonymous** house

She received several **anonymous** calls.

thermometer

n. a device used to measure temperature, typically consisting of a glass or plastic tube containing a column of liquid, such as mercury, that rises and falls with changes in temperature

synonym: thermos, gauge, climate gauge

(1) digital **thermometer**, (2) clinical **thermometer**

My mother always used a mercury **thermometer** to check our temperature when we were sick.

detect

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

synonym: catch, observe, notice

(1) **detect** a bad event, (2) **detect** smuggling across borders

The security camera has **detected** four intruders.

outbreak

n. a sudden start of something, usually a disease or something dangerous or unpleasant

synonym: eruption, outburst, explosion

(1) infectious disease **outbreaks**, (2) the **outbreak** of hostilities

The government predicts an epidemic **outbreak** of multiple viruses, including coronaviruses and influenza.

device

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

synonym: gadget, instrument, tool

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

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

refrigerator

n. an appliance or device used for preserving and cooling food and beverages by maintaining a low temperature within a closed compartment

synonym : fridge, cooler, icebox

(1) **refrigerator** magnet, (2) empty **refrigerator**

Don't forget to put the eggs in the **refrigerator** after you've used them.

nutrition

n. the substances or the process that organisms take into their bodies as food for their growth and health

synonym : alimentation, nourishment, sustenance

(1) **nutrition** condition, (2) **nutrition** intake

This food contains all the **nutrition** your dog requires.

slim

adj. having a slender or thin build, often by design or effort; of small size, amount, or margin; reduced or limited

synonym : slender, thin, lean

(1) **slim** chances, (2) **slim** margin

The **slim** laptop was easy to carry around and perfect for travel.

trim

v. to make neat or tidy by clipping, cutting, or pruning away excess or unwanted parts; to adjust or modify to improve efficiency or performance

synonym : cut, pare, prune

(1) **trim** a dog's nails, (2) **trim** the budget

I must **trim** the bushes in my front yard before they get too overgrown.

retailer

n. a person or business that sells goods to the public, typically in small quantities

synonym : seller, vendor, merchant

(1) **retailer** strategy, (2) **retailer** competition

The consumer-electronics **retailer** offered a discount for

customers who paid in cash.

app *n.* (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC
synonym: application, software
(1) killer **app**, (2) cannot log in to the **app**
The discovery of a critical bug caused the company to delay the **app's** release.

preference *n.* a stronger liking or interest for something or someone than another thing or person
synonym: taste, choice, affection
(1) his meal **preferences**, (2) a particular **preference** for Chinese art
Her **preference** is comfortable clothing over fashionable ones.

consolidate *v.* to make something more vital, more solid, or more certain
synonym: crystallize, concentrate, cement
(1) **consolidate** his debt, (2) **consolidate** a leadership
The two universities will **consolidate** in July next year.

convenient *adj.* useful, helpful, or quick to do
synonym: timely, fortunate, suitable
(1) **convenient** way, (2) **convenient** location
The airport offers five **convenient** access routes.

carbon *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
(1) **carbon** dioxide, (2) **carbon** emission
Trees absorb **carbon** dioxide and give off oxygen.

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**.

underlying

adj. significant as a cause or basis of something but not immediately apparent or stated clearly

synonym: fundamental, latent, basic

(1) an **underlying** motive, (2) an **underlying** cause of an accident

The **underlying** principle of every business was identical.

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?

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.

competitor

n. a person who participates in a sporting contest; a person or organization that competes with others, particularly in business

synonym: opponent, contender, contestant

(1) beat **competitor** offer, (2) domestic **competitor**

The gap between the company and its **competitors** has widened.

dilemma

n. a situation in which a difficult choice has to be made between two or more options, especially that are equally unfavorable ones

synonym: difficulty, plight, predicament

(1) chicken-and-egg **dilemma**, (2) be in a **dilemma**

The choice between bureaucracy and adhococracy represents

a common **dilemma**.

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.

overcome

v. to succeed in controlling or dealing with something, such as a problem or difficulty; to defeat or overwhelm someone

synonym: beat, confound, overwhelm

(1) **overcome** opponents, (2) **overcome** all difficulties

He tried to **overcome** a bad reputation and win the election.

smart-city

n. an urban development that utilizes technology and data to improve efficiency, sustainability, and quality of life for its residents; a city that employs advanced communications and information technologies to manage and enhance its public services and resources

(1) **smart-city** technology, (2) **smart-city** planning

The **smart-city** project introduced an intelligent transportation system incorporating real-time traffic monitoring and navigation services.

opportune

adj. suitable or happening at a time that is suitable or convenient for a particular purpose

synonym: suitable, timely, practical

(1) **opportune** occasion, (2) an **opportune** remark

The phone rang at the most **opportune** time.

competitive

adj. involving competition or competitiveness

synonym: aggressive, ambitious, militant

(1) a **competitive** price, (2) **competitive** position

The mobile application industry is a **competitive** one.

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.

improve

v. to make or become better

synonym : enhance, ameliorate, enrich

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

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

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.

motivate

v. to make someone want to do something, especially something that requires tremendous work and effort

synonym : boost, encourage, inspire

(1) **motivate** the students, (2) all ability to **motivate**

The ability to **motivate** people is a priceless asset.

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.

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.

ecosystem

n. all the plants and living creatures in an area and the way they affect each other and the environment

(1) marine **ecosystem**, (2) change the **ecosystem**

Human conservation efforts often fail unexpectedly because they disturb the balance of the **ecosystem**.

vertical

adj. upright or perpendicular to a horizontal surface or line

synonym : perpendicular, upright, plumb

(1) **vertical** takeoff, (2) **vertical** axis

The ladder leaned against the **vertical** surface of the building.

complicated

adj. involving a lot of different things or parts in a way that is difficult to understand or analyze

synonym : complex, convoluted, intricate

(1) a **complicated** process, (2) become increasingly **complicated**

He did **complicated** pen-and-ink drawings in just a few days.

unintended

adj. not planned or meant

synonym : accidental, unconsenting, involuntary

(1) **unintended** bias, (2) **unintended** misunderstanding

Excessive human interference in the global environment may bring **unintended** consequences.

disclose

v. to make something, such as secret or new information, known publicly

synonym : declare, reveal, uncover

(1) **disclose** a secret, (2) **disclose** a vulnerability

The curtain rose to **disclose** a fantastic set.

brand

n. a type of product, service, etc., made by a particular company and sold under a specific name; identification mark on the skin of livestock, criminals, etc., made by burning

synonym: trademark, label, symbol

(1) create a **brand** logo, (2) the **brand** of the new car

There's a new **brand** of hero in the movies now.

broad

adj. very wide; general

synonym: wide, expansive, comprehensive

(1) attract **broad** attention, (2) a **broad** mind

He accumulated wealth across a **broad** spectrum of assets.

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**.

motivation

n. the reason or enthusiasm for acting or behaving in a particular way

synonym: inspiration, incentive, reason

(1) understand his **motivation**, (2) **motivation** for a change

A significant amount of **motivation** is required to be a teacher.

fierce

adj. severe and violent in a way that is frightening

synonym: ferocious, convulsive, forceful

(1) **fierce** competition, (2) a **fierce** animal

The **fierce** thunders echoed across the plain.

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.

idle

adj. not working hard or not having a job; useless

synonym: inactive, jobless, inoperative

(1) live an **idle** life, (2) **idle** capital

There are several **idle** machines in the factory because of the decreased orders.

prevailing

adj. most frequent, widespread, or currently dominant, usually referring to a particular opinion, attitude, or trend

synonym: dominant, prevalent, current

(1) **prevailing** wind, (2) **prevailing** trend

The **prevailing** opinion was that the project would be a success.

smog

n. a type of air pollution that forms a mixture of smoke and fog resulting from the combustion of fossil fuels, industrial activity, and motor vehicle emissions in urban areas

synonym: smog, haze, pollution

(1) **smog** alert, (2) toxic **smog**

The heavy **smog** in the city was causing health issues for the residents.

jump-start

v. to start or revitalize something stagnant or slow-moving, often by introducing new ideas or energy; to kick-start a car or other vehicle by connecting it to another vehicle's battery

synonym: revitalize, energize, kick-start

(1) **jump-start** a career, (2) **jump-start** an economy

I had to **jump-start** my car's battery this morning because it was dead.

virtue

n. high moral standards in behavior or attitudes
synonym: integrity, probity, goodness

(1) **virtue** of frugality, (2) acquire a **virtue**
She had many good **virtues** and few faults.

cycle

n. an interval during which a recurring sequence of events occurs; a bicycle or motorcycle
synonym: revolution, rotation, bike

(1) the **cycle** of the seasons, (2) go to the workplace by **cycle**
The food chain causes a material **cycle**.

innovation

n. the creation of a new device or process resulting from study and experimentation
synonym: invention, initiation, creation

(1) **innovation** leader, (2) cutting-edge **innovation**
The vegetarian burger was an **innovation** that quickly spread to the United Kingdom.

unexpected

adj. not anticipated or regarded as likely to happen
synonym: surprising, unanticipated, incredible

(1) an **unexpected** visitor, (2) some **unexpected** events
The **unexpected** rainstorm caused the collapse of the corral.

combine

v. to join or merge to form a single thing or group
synonym: coalesce, cohere, blend

(1) **combine** chemically with another substance,
(2) **combine** augmented reality
Hydrogen and oxygen **combine** to form water.

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.

historic

adj. famous or significant in history, or potentially so
synonym : memorable, momentous, historical

(1) **historic** accomplishment, (2) achieve the **historic** feat
The Chinese people have accomplished several **historic** feats.

decision

n. the act or process of making up someone's mind about something; a choice or judgment reached after considering options

synonym : choice, determination, judgment

(1) **decision** authority, (2) a selfish **decision**
She was struggling to make a **decision** between two job offers.

fertilizer

n. a natural or chemical substance added to soil to make plants grow more successfully

synonym : manure

(1) a chemical **fertilizer**, (2) nonsynthetic **fertilizer**
Nitrogen fixation by the Haber-Bosch method leads to the mass production of **fertilizers**.

irrigate

v. to supply water to land to help plants grow

synonym : water, drench, soak

(1) **irrigate** fields, (2) **irrigate** the flowers and plants
The water shortage in the region has made it difficult for farmers to **irrigate** their crops.

trek

n. a long and difficult journey, typically on foot

synonym : journey, expedition, hike

(1) horseback **trek**, (2) **trek** expedition
He was preparing for a long **trek** through the mountains.

scan

v. to examine something hastily, with the eyes or with a machine, to get information

synonym :

look over, scrutinize, browse

(1) **scan** the face of the man, (2) **scan** a document into PDF
She stood on the podium and **scanned** an audience.

planet

n. any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

synonym: earth, world, globe

(1) **planet** like the Earth, (2) save the **planet**
Mercury is the closest **planet** to the sun.

sensor

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

synonym: detector

(1) motion **sensor** lighting, (2) an image **sensor**
This automatic door could no longer be opened due to a **sensor** failure.

enterprise

n. a business or company; a purposeful or industrious undertaking, especially one that requires effort

synonym: business, company, industry

(1) undertake an **enterprise**, (2) his business **enterprise**
A growing **enterprise** requires a bold leader.

geek

n. a person who is highly interested and knowledgeable about a particular subject or field, often to the point of being obsessed

synonym: nerd, dork, enthusiast

(1) airplane **geek**, (2) **geek** enthusiast
He was a computer **geek** and spent all his free time coding.

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**.

satellite

n. an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.

synonym : orbiter, asteroid, moon

(1) a GPS **satellite**, (2) a meteorological **satellite**

Launching an artificial **satellite** contributed to the technological development of our 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.

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.

crop

n. a plant that is cultivated in large amounts, particularly for food

synonym : output, produce, product

(1) **crop** field, (2) **crop** herbicide

Sow early for an early **crop**.

yield

n. the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information

synonym : proceeds, harvest, output

(1) corn **yield**, (2) the **yield** on the bond

The company's stock gives a high **yield**.

chemical

adj. relating to or connected with chemistry;
synonym : chemic, synthetic

(1) toxic **chemicals**, (2) a **chemical** compound

The firm has grown into a large **chemical** manufacturing.

conserve

v. to protect something, especially the natural environment or culture, from change, damage, or destruction

synonym : preserve, save, maintain

(1) means to **conserve** energy, (2) **conserve** coal resources

Children must be taught to **conserve** our natural environment.

scarce

adj. not abundant or plentiful, and therefore not easy to find or obtain

synonym : rare, limited, sparse

(1) **scarce** resources, (2) capital- **scarce** country

Fresh water is becoming increasingly **scarce** in many parts of the world.

generate

v. to produce or create something; to make offspring by reproduction

synonym : create, yield, produce

(1) **generate** more electricity, (2) **generate** \$100 a month

The economic stimulation program would **generate** a lot of new jobs.

fascinating

adj. extremely interesting

synonym : alluring, intriguing, captivating

(1) **fascinating** story, (2) completely **fascinating** to me

The museum houses a **fascinating** collection of Celtic artifacts.

agriculture

n. the practice or science of cultivating the land or raising stock

synonym: farming, husbandry, agribusiness

(1) organic **agriculture**, (2) intensive **agriculture**

Agriculture is the foundation of our economy.

innovate

v. to introduce new methods, ideas, or products

synonym: bring in, introduce, found

(1) **innovate** a new method, (2) **innovate** the quality of his life

Companies developing self-driving cars consistently **innovate** the emerging technologies.

typical

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

synonym: characteristic, usual, distinctive

(1) **typical** leader, (2) fairly **typical** symptoms

This artwork is **typical** of her work.

hire

v. to give somebody a job

synonym: employ, engage, lease

(1) **hire** a guide, (2) **hire** a car by the hour

We should always be prepared to **hire** talented recruits.

agile

adj. able to move quickly and easily, often in a way that is graceful and controlled

synonym: nimble, quick, flexible

(1) an **agile** mind, (2) **agile** in his movements

The **agile** development process allowed the team to make changes quickly.

digital

adj. processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet

synonym: numerical, computerized, cyber

(1) a **digital** watch, (2) **digital** electronic signature

Sensors convert physical phenomena into **digital** signals.

utility

n. the state or quality of being useful or convenient; the service, such as electric power or water or transportation, provided by a public

synonym: usefulness, practicality, utility

(1) **utility** costs, (2) marginal **utility**

The **utility** of the device was immediately apparent to all who saw it.

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.

renewable

adj. capable of being renewed, extended, or replaced

synonym: sustainable, replaceable

(1) **renewable** energy, (2) **renewable** subscriptions

The production of **renewable** fuels requires massive volumes of fresh water.

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.

accelerate

v. to make something faster or earlier; to cause to develop or progress more quickly

synonym: speed up, quicken, rev

(1) **accelerate** a chemical reaction, (2) **accelerate** the car

The government tried to **accelerate** the commercialization of this development.

adoption

n. the action or fact of legally taking another's child as one's own; the act of accepting with approval

synonym : fostering, acceptance, custody

(1) **adoption** assistance, (2) the **adoption** of a plan

The **adoption** process can be long and difficult, but it is worth it for the love of a child.

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.

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**.

individually

adv. separately or apart from others

synonym : separately, one by one, independently

(1) answer questions **individually**, (2) **individually** designed product

Each department has done its product costing **individually**.

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.

joint

adj. shared, held, or made between two or more people;
(noun) the point of connection between two bones or elements of a skeleton

synonym : collaborative, cooperative, combined

(1) a **joint** venture, (2) the bone of a **joint**

After the summit meeting, the prime ministers issued a **joint** statement.

old-fashioned

adj. of or relating to a time in the past; not modern

synonym : antiquated, ancient, outdated

(1) an **old-fashioned** person, (2) **old-fashioned** in appearance

My father is **old-fashioned** in his thinking.

Session 2: Spelling

- | | |
|------------------------------------|--|
| 1. uni_____ed bias | <i>adj.</i> not planned or meant |
| 2. be in a di_____a | <i>n.</i> a situation in which a difficult choice has to be made between two or more options, especially that are equally unfavorable ones |
| 3. attract br__d attention | <i>adj.</i> very wide; general |
| 4. re_____er strategy | <i>n.</i> a person or business that sells goods to the public, typically in small quantities |
| 5. ve_____al axis | <i>adj.</i> upright or perpendicular to a horizontal surface or line |
| 6. re_____le energy | <i>adj.</i> capable of being renewed, extended, or replaced |
| 7. an_____us letter | <i>adj.</i> having no known name, identity, or known source |
| 8. imp_____ve performances | <i>adj.</i> arousing admiration due to size, quality, or skill |
| 9. con_____nt way | <i>adj.</i> useful, helpful, or quick to do |
| 10. become increasingly com_____ed | <i>adj.</i> involving a lot of different things or parts in a way that is difficult to understand or analyze |
| 11. undertake an ent_____se | <i>n.</i> a business or company; a purposeful or industrious undertaking, especially one that requires effort |
| 12. sus_____le alternative fuel | <i>adj.</i> able to continue or be continued for a long time |

ANSWERS: 1. unintended, 2. dilemma, 3. broad, 4. retailer, 5. vertical, 6. renewable, 7. anonymous, 8. impressive, 9. convenient, 10. complicated, 11. enterprise, 12. sustainable

13. beat com_____or offer *n.* a person who participates in a sporting contest; a person or organization that competes with others, particularly in business
14. 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
15. c__p field *n.* a plant that is cultivated in large amounts, particularly for food
16. di_____se a secret *v.* to make something, such as secret or new information, known publicly
17. effects of cl_____e change *n.* the weather in a particular location averaged over some long period
18. re_____le subscriptions *adj.* capable of being renewed, extended, or replaced
19. ge_____te more electricity *v.* to produce or create something; to make offspring by reproduction
20. op_____ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
21. tr_____rt facilities *n.* a system for moving people or products from one location to another using automobiles, roads, and so on
22. the ad_____on of a plan *n.* the action or fact of legally taking another's child as one's own; the act of accepting with approval
23. the yi__d on the bond *n.* the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information

ANSWERS: 13. competitor, 14. drone, 15. crop, 16. disclose, 17. climate, 18. renewable, 19. generate, 20. opportune, 21. transport, 22. adoption, 23. yield

24. the atmospheric tem_____re *n.* the degree of hotness or coldness of a thing or place
25. s__m chances *adj.* having a slender or thin build, often by design or effort; of small size, amount, or margin; reduced or limited
26. develop a st_____gy *n.* a detailed plan of action designed to achieve a long-term or overall goal.
27. acc_____te the car *v.* to make something faster or earlier; to cause to develop or progress more quickly
28. a di_____t memory *adj.* far away in space, time, or where you are; far apart in relevance, relationship, or kinship
29. principles of sus_____le development *adj.* able to continue or be continued for a long time
30. ov_____me all difficulties *v.* to succeed in controlling or dealing with something, such as a problem or difficulty; to defeat or overwhelm someone
31. co_____r degree *v.* to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something
32. sc_____e resources *adj.* not abundant or plentiful, and therefore not easy to find or obtain
33. an old_____ned person *adj.* of or relating to a time in the past; not modern
34. an ag___e mind *adj.* able to move quickly and easily, often in a way that is graceful and controlled

ANSWERS: 24. temperature, 25. slim, 26. strategy, 27. accelerate, 28. distant, 29. sustainable, 30. overcome, 31. confer, 32. scarce, 33. old-fashioned, 34. agile

44. im____e a process *v.* to make or become better
45. motion se____r lighting *n.* a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner
46. an une____ed visitor *adj.* not anticipated or regarded as likely to happen
47. de____e a question *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
48. de____p a skill *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
49. mot____on for a change *n.* the reason or enthusiasm for acting or behaving in a particular way
50. de____p a strategy *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
51. lo____e a missing pet *v.* to specify or determine the exact position of someone or something
52. ov____me opponents *v.* to succeed in controlling or dealing with something, such as a problem or difficulty; to defeat or overwhelm someone

ANSWERS: 44. improve, 45. sensor, 46. unexpected, 47. decide, 48. develop, 49. motivation, 50. develop, 51. locate, 52. overcome

53. a br__d mind *adj.* very wide; general
54. co_____e augmented reality *v.* to join or merge to form a single thing or group
55. some une_____ed events *adj.* not anticipated or regarded as likely to happen
56. cannot log in to the a_p *n.* (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC
57. fo_____nts in the snow *n.* a mark of a foot, shoe, or animal's foot left on a surface
58. s__m margin *adj.* having a slender or thin build, often by design or effort; of small size, amount, or margin; reduced or limited
59. old_____ned in appearance *adj.* of or relating to a time in the past; not modern
60. enable se_____ss access *adj.* without spaces or breaks between one part and the next
61. ca___n dioxide *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
62. create a br__d logo *n.* a type of product, service, etc., made by a particular company and sold under a specific name; identification mark on the skin of livestock, criminals, etc., made by burning
63. pro_____on of civilization *n.* the act or process of changing to the next stage or phase or moving forward

ANSWERS: 53. broad, 54. combine, 55. unexpected, 56. app, 57. footprint, 58. slim, 59. old-fashioned, 60. seamless, 61. carbon, 62. brand, 63. progression

64. 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
65. development of aut_____us vehicles *adj.* capable of governing or controlling its affairs
66. 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
67. lo___e a tumor *v.* to specify or determine the exact position of someone or something
68. military st_____gy *n.* a detailed plan of action designed to achieve a long-term or overall goal.
69. h___e a guide *v.* to give somebody a job
70. tec_____cal advancement *adj.* based on scientific and industrial progress
71. 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
72. inn_____on leader *n.* the creation of a new device or process resulting from study and experimentation
73. 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: 64. advantage, 65. autonomous, 66. traffic, 67. locate, 68. strategy, 69. hire, 70. technological, 71. scenario, 72. innovation, 73. fiction

74. acc_____te a chemical reaction *v.* to make something faster or earlier; to cause to develop or progress more quickly
75. record driving aut_____lly *adv.* without needing a direct human control
76. com_____ve position *adj.* involving competition or competitiveness
77. go to the workplace by cy__e *n.* an interval during which a recurring sequence of events occurs; a bicycle or motorcycle
78. 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
79. in___e the smoke *v.* to breathe in air or a different substance, such as smoke
80. in_____te the quality of his life *v.* to introduce new methods, ideas, or products
81. co_____ve coal resources *v.* to protect something, especially the natural environment or culture, from change, damage, or destruction
82. the speaker's dr__e *n.* a low continuous humming noise; someone who takes more time than necessary; a pilot-less aerial vehicle that is operated by remote control
83. mo_____r an exam *v.* to observe, check, and track the progress or quality of something over a period of time
84. ad_____on assistance *n.* the action or fact of legally taking another's child as one's own; the act of accepting with approval

ANSWERS: 74. accelerate, 75. automatically, 76. competitive, 77. cycle, 78. platform, 79. inhale, 80. innovate, 81. conserve, 82. drone, 83. monitor, 84. adoption

85. organic agr_____re *n.* the practice or science of cultivating the land or raising stock
86. answer questions ind_____lly *adv.* separately or apart from others
87. nonsynthetic fer_____er *n.* a natural or chemical substance added to soil to make plants grow more successfully
88. a ch_____al compound *adj.* relating to or connected with chemistry;
89. in_____te a new method *v.* to introduce new methods, ideas, or products
90. ag__e in his movements *adj.* able to move quickly and easily, often in a way that is graceful and controlled
91. completely fas_____ng to me *adj.* extremely interesting
92. co____r honor *v.* to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something
93. se_____ss device connectivity *adj.* without spaces or breaks between one part and the next
94. re_____er competition *n.* a person or business that sells goods to the public, typically in small quantities
95. t__k expedition *n.* a long and difficult journey, typically on foot
96. co_____e chemically with another substance *v.* to join or merge to form a single thing or group
97. na_____te the Pacific *v.* to plan and direct the way that a ship, plane, etc. will travel, often by using a map
98. marine ec_____em *n.* all the plants and living creatures in an area and the way they affect each other and the environment

ANSWERS: 85. agriculture, 86. individually, 87. fertilizer, 88. chemical, 89. innovate, 90. agile, 91. fascinating, 92. confer, 93. seamless, 94. retailer, 95. trek, 96. combine, 97. navigate, 98. ecosystem

99. aut_____lly adjusted *adv.* without needing a direct human control
100. in___e the aroma *v.* to breathe in air or a different substance, such as smoke
101. an und_____ng cause of an accident *adj.* significant as a cause or basis of something but not immediately apparent or stated clearly
102. 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
103. airplane g__k *n.* a person who is highly interested and knowledgeable about a particular subject or field, often to the point of being obsessed
104. a particular pre_____ce for Chinese art *n.* a stronger liking or interest for something or someone than another thing or person
105. ubi_____us across ecosystems *adj.* being or existing everywhere at once
106. h__e a car by the hour *v.* to give somebody a job
107. horseback t__k *n.* a long and difficult journey, typically on foot
108. change the ec_____em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
109. a cold cl_____e *n.* the weather in a particular location averaged over some long period
110. media h__e *n.* advertisements and media discussions informing the public about a product and how nice or vital it is

ANSWERS: 99. automatically, 100. inhale, 101. underlying, 102. advantage, 103. geek, 104. preference, 105. ubiquitous, 106. hire, 107. trek, 108. ecosystem, 109. climate, 110. hype

111. pre_____ng trend *adj.* most frequent, widespread, or currently dominant, usually referring to a particular opinion, attitude, or trend
112. sc__t out of my room *v.* to move or glide along quickly and smoothly on a surface, especially on a scooter or similar device
113. a jo__t venture *adj.* shared, held, or made between two or more people; (noun) the point of connection between two bones or elements of a skeleton
114. vi___e of frugality *n.* high moral standards in behavior or attitudes
115. an imp_____ve array of facts *adj.* arousing admiration due to size, quality, or skill
116. eq__p an army *v.* to provide a person or a place with the things that are needed for a particular purpose or activity
117. means to co_____ve energy *v.* to protect something, especially the natural environment or culture, from change, damage, or destruction
118. capital-sc___e country *adj.* not abundant or plentiful, and therefore not easy to find or obtain
119. nu_____on condition *n.* the substances or the process that organisms take into their bodies as food for their growth and health
120. uni_____ed misunderstanding *adj.* not planned or meant
121. al_____ly behind the plot *adv.* according to what has been stated or reported; supposedly

ANSWERS: 111. prevailing, 112. scoot, 113. joint, 114. virtue, 115. impressive, 116. equip, 117. conserve, 118. scarce, 119. nutrition, 120. unintended, 121. allegedly

122. a com_____ed process *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
123. di_____l electronic signature *adj.* processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet
124. an op_____ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
125. hi_____ic accomplishment *adj.* famous or significant in history, or potentially so
126. pl_____t like the Earth *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
127. con_____nt location *adj.* useful, helpful, or quick to do
128. jum_____rt a career *v.* to start or revitalize something stagnant or slow-moving, often by introducing new ideas or energy; to kick-start a car or other vehicle by connecting it to another vehicle's battery
129. 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
130. marginal ut_____y *n.* the state or quality of being useful or convenient; the service, such as electric power or water or transportation, provided by a public

ANSWERS: 122. complicated, 123. digital, 124. opportune, 125. historic, 126. planet, 127. convenient, 128. jump-start, 129. traffic, 130. utility

131. an in____ed lamp *adj.* relating to or denoting electromagnetic radiation with a wavelength just longer than that of red light but shorter than that of microwave radiation, used for sensing heat and for remote control
132. an____e a chemical compound *v.* to think about in-depth and evaluate to discover essential features or meaning
133. emotional h__e *n.* advertisements and media discussions informing the public about a product and how nice or vital it is
134. ty____l leader *adj.* having the usual characteristics or traits of a specific group of things
135. i__e capital *adj.* not working hard or not having a job; useless
136. s__g alert *n.* a type of air pollution that forms a mixture of smoke and fog resulting from the combustion of fossil fuels, industrial activity, and motor vehicle emissions in urban areas
137. fi____e competition *adj.* severe and violent in a way that is frightening
138. achieve the hi____ic feat *adj.* famous or significant in history, or potentially so
139. de____t smuggling across borders *v.* to find or recognize something, especially something difficult to see, hear, etc.
140. al____ly guilty *adv.* according to what has been stated or reported; supposedly
141. killer a_p *n.* (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC

ANSWERS: 131. infrared, 132. analyze, 133. hype, 134. typical, 135. idle, 136. smog, 137. fierce, 138. historic, 139. detect, 140. allegedly, 141. app

142. na____te through a document *v.* to plan and direct the way that a ship, plane, etc. will travel, often by using a map
143. live an i__e life *adj.* not working hard or not having a job; useless
144. ca____n emission *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
145. an aut_____us judiciary *adj.* capable of governing or controlling its affairs
146. sma_____ty technology *n.* an urban development that utilizes technology and data to improve efficiency, sustainability, and quality of life for its residents; a city that employs advanced communications and information technologies to manage and enhance its public services and resources
147. ref_____tor magnet *n.* an appliance or device used for preserving and cooling food and beverages by maintaining a low temperature within a closed compartment
148. de_____on authority *n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options
149. s__n the face of the man *v.* to examine something hastily, with the eyes or with a machine, to get information

ANSWERS: 142. navigate, 143. idle, 144. carbon, 145. autonomous, 146. smart-city, 147. refrigerator, 148. decision, 149. scan

150. interstate co_____ce *n.* the activity of buying and selling things, especially on a large scale
151. ir_____te fields *v.* to supply water to land to help plants grow
152. clinical the_____er *n.* a device used to measure temperature, typically consisting of a glass or plastic tube containing a column of liquid, such as mercury, that rises and falls with changes in temperature
153. a meteorological sa_____te *n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
154. di_____se a vulnerability *v.* to make something, such as secret or new information, known publicly
155. 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
156. pro_____on of disease *n.* the act or process of changing to the next stage or phase or moving forward
157. all ability to mo_____te *v.* to make someone want to do something, especially something that requires tremendous work and effort
158. electronic de_____e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
159. tec_____cal policy *adj.* based on scientific and industrial progress

ANSWERS: 150. commerce, 151. irrigate, 152. thermometer, 153. satellite, 154. disclose, 155. scenario, 156. progression, 157. motivate, 158. device, 159. technological

160. fairly ty____l symptoms *adj.* having the usual characteristics or traits of a specific group of things
161. im____e the test score *v.* to make or become better
162. cutting-edge inn____on *n.* the creation of a new device or process resulting from study and experimentation
163. con____te his debt *v.* to make something more vital, more solid, or more certain
164. a di____l watch *adj.* processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet
165. the ou____ak of hostilities *n.* a sudden start of something, usually a disease or something dangerous or unpleasant
166. art cr____c *n.* someone who expresses opinions about the quality of books, music, etc.
167. a chemical fer____er *n.* a natural or chemical substance added to soil to make plants grow more successfully
168. ind____lly designed product *adv.* separately or apart from others
169. the cy__e of the seasons *n.* an interval during which a recurring sequence of events occurs; a bicycle or motorcycle
170. de____t a bad event *v.* to find or recognize something, especially something difficult to see, hear, etc.

ANSWERS: 160. typical, 161. improve, 162. innovation, 163. consolidate, 164. digital, 165. outbreak, 166. critic, 167. fertilizer, 168. individually, 169. cycle, 170. detect

171. school req_____nt *n.* something that is needed or wanted
172. a GPS sa_____te *n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
173. access to public tr_____rt *n.* a system for moving people or products from one location to another using automobiles, roads, and so on
174. infectious disease ou_____aks *n.* a sudden start of something, usually a disease or something dangerous or unpleasant
175. g__k enthusiast *n.* a person who is highly interested and knowledgeable about a particular subject or field, often to the point of being obsessed
176. as___a attack *n.* a chronic respiratory disease characterized by wheezing, coughing, and difficulty breathing
177. sma_____ty planning *n.* an urban development that utilizes technology and data to improve efficiency, sustainability, and quality of life for its residents; a city that employs advanced communications and information technologies to manage and enhance its public services and resources
178. the br__d of the new car *n.* a type of product, service, etc., made by a particular company and sold under a specific name; identification mark on the skin of livestock, criminals, etc., made by burning

ANSWERS: 171. requirement, 172. satellite, 173. transport, 174. outbreak, 175. geek, 176. asthma, 177. smart-city, 178. brand

179. toxic ch____als *adj.* relating to or connected with chemistry;
180. ge____te \$100 a month *v.* to produce or create something; to make offspring by reproduction
181. chicken-and-egg di____a *n.* a situation in which a difficult choice has to be made between two or more options, especially that are equally unfavorable ones
182. intensive agr____re *n.* the practice or science of cultivating the land or raising stock
183. 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
184. 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
185. di____t ancestors *adj.* far away in space, time, or where you are; far apart in relevance, relationship, or kinship
186. the bone of a jo__t *adj.* shared, held, or made between two or more people; (noun) the point of connection between two bones or elements of a skeleton
187. an und____ng motive *adj.* significant as a cause or basis of something but not immediately apparent or stated clearly
188. con____te a leadership *v.* to make something more vital, more solid, or more certain
189. 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

ANSWERS: 179. chemical, 180. generate, 181. dilemma, 182. agriculture, 183. decide, 184. equip, 185. distant, 186. joint, 187. underlying, 188. consolidate, 189. background

190. understand his mot_____on *n.* the reason or enthusiasm for acting or behaving in a particular way
191. pre_____ng wind *adj.* most frequent, widespread, or currently dominant, usually referring to a particular opinion, attitude, or trend
192. in_____ed radiation *adj.* relating to or denoting electromagnetic radiation with a wavelength just longer than that of red light but shorter than that of microwave radiation, used for sensing heat and for remote control
193. nu_____on intake *n.* the substances or the process that organisms take into their bodies as food for their growth and health
194. a fi___e animal *adj.* severe and violent in a way that is frightening
195. sc___t over *v.* to move or glide along quickly and smoothly on a surface, especially on a scooter or similar device
196. extreme tem_____res *n.* the degree of hotness or coldness of a thing or place
197. meet req_____nt *n.* something that is needed or wanted
198. an_____e your real motives *v.* to think about in-depth and evaluate to discover essential features or meaning
199. ind_____al freedom *n.* a single person or thing, as distinct from a group
200. in___t capital *v.* to put money, effort, time, etc. into something to make a profit or achieve a result

ANSWERS: 190. motivation, 191. prevailing, 192. infrared, 193. nutrition, 194. fierce, 195. scoot, 196. temperature, 197. requirement, 198. analyze, 199. individual, 200. invest

201. digital the_____er *n.* a device used to measure temperature, typically consisting of a glass or plastic tube containing a column of liquid, such as mercury, that rises and falls with changes in temperature
202. mo_____te the students *v.* to make someone want to do something, especially something that requires tremendous work and effort
203. toxic s__g *n.* a type of air pollution that forms a mixture of smoke and fog resulting from the combustion of fossil fuels, industrial activity, and motor vehicle emissions in urban areas
204. in____t in stocks *v.* to put money, effort, time, etc. into something to make a profit or achieve a result
205. jum_____rt an economy *v.* to start or revitalize something stagnant or slow-moving, often by introducing new ideas or energy; to kick-start a car or other vehicle by connecting it to another vehicle's battery
206. his meal pre_____ces *n.* a stronger liking or interest for something or someone than another thing or person
207. corn yi__d *n.* the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information
208. 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

ANSWERS: 201. thermometer, 202. motivate, 203. smog, 204. invest, 205. jump-start, 206. preference, 207. yield, 208. fiction

209. ve____al takeoff *adj.* upright or perpendicular to a horizontal surface or line
210. the local chamber of co____ce *n.* the activity of buying and selling things, especially on a large scale
211. ut____y costs *n.* the state or quality of being useful or convenient; the service, such as electric power or water or transportation, provided by a public
212. the fo____nts of an earlier civilization *n.* a mark of a foot, shoe, or animal's foot left on a surface
213. severe cr____c *n.* someone who expresses opinions about the quality of books, music, etc.
214. c__p herbicide *n.* a plant that is cultivated in large amounts, particularly for food
215. save the pl____t *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
216. s__n a document into PDF *v.* to examine something hastily, with the eyes or with a machine, to get information
217. his business ent____se *n.* a business or company; a purposeful or industrious undertaking, especially one that requires effort
218. an____us house *adj.* having no known name, identity, or known source
219. fas____ng story *adj.* extremely interesting
220. domestic com____or *n.* a person who participates in a sporting contest; a person or organization that competes with others, particularly in business

ANSWERS: 209. vertical, 210. commerce, 211. utility, 212. footprint, 213. critic, 214. crop, 215. planet, 216. scan, 217. enterprise, 218. anonymous, 219. fascinating, 220. competitor

221. ir_____te the flowers and plants *v.* to supply water to land to help plants grow
222. as____a symptoms *n.* a chronic respiratory disease characterized by wheezing, coughing, and difficulty breathing
223. an image se____r *n.* a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner
224. mo_____r the data carefully *v.* to observe, check, and track the progress or quality of something over a period of time
225. 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
226. ubi_____us computing *adj.* being or existing everywhere at once

ANSWERS: 221. irrigate, 222. asthma, 223. sensor, 224. monitor, 225. background, 226. ubiquitous

Session 3: Fill in the Blanks

1. 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
2. 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
3. Hydrogen and oxygen _____ to form water.
v. to join or merge to form a single thing or group
4. Nitrogen fixation by the Haber-Bosch method leads to the mass production of _____.
n. a natural or chemical substance added to soil to make plants grow more successfully
5. The security camera has _____ four intruders.
v. to find or recognize something, especially something difficult to see, hear, etc.
6. The budget reduction was an _____ feat for our nation.
adj. arousing admiration due to size, quality, or skill
7. The _____ thunders echoed across the plain.
adj. severe and violent in a way that is frightening
8. The government predicts an epidemic _____ of multiple viruses, including coronaviruses and influenza.
n. a sudden start of something, usually a disease or something dangerous or unpleasant

ANSWERS: 1. develop, 2. progression, 3. combine, 4. fertilizers, 5. detected, 6. impressive, 7. fierce, 8. outbreak

9. A growing _____ requires a bold leader.
n. a business or company; a purposeful or industrious undertaking, especially one that requires effort
10. The vegetarian burger was an _____ that quickly spread to the United Kingdom.
n. the creation of a new device or process resulting from study and experimentation
11. Advocates for legal reform hear less harsh words from their _____.
n. someone who expresses opinions about the quality of books, music, etc.
12. The production of _____ fuels requires massive volumes of fresh water.
adj. capable of being renewed, extended, or replaced
13. The ability to _____ people is a priceless asset.
v. to make someone want to do something, especially something that requires tremendous work and effort
14. The discovery of a critical bug caused the company to delay the _____ release.
n. (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC
15. _____ advances have disrupted many industries.
adj. based on scientific and industrial progress
16. The _____ project introduced an intelligent transportation system incorporating real-time traffic monitoring and navigation services.
n. an urban development that utilizes technology and data to improve efficiency, sustainability, and quality of life for its residents; a city that employs advanced communications and information technologies to manage and enhance its public services and resources

ANSWERS: 9. enterprise, 10. innovation, 11. critics, 12. renewable, 13. motivate, 14. app's, 15. Technological, 16. smart-city

17. Our plan includes a comprehensive marketing _____.

n. a detailed plan of action designed to achieve a long-term or overall goal.

18. The firm has grown into a large _____ manufacturing.

adj. relating to or connected with chemistry;

19. What is the entry _____ for this course?

n. something that is needed or wanted

20. The service was _____ and the food was quite delicious.

adj. without spaces or breaks between one part and the next

21. Cities around the world set records for highest _____ this summer.

n. the degree of hotness or coldness of a thing or place

22. My mother always used a mercury _____ to check our temperature when we were sick.

n. a device used to measure temperature, typically consisting of a glass or plastic tube containing a column of liquid, such as mercury, that rises and falls with changes in temperature

23. 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

24. The choice between bureaucracy and adhococracy represents a common _____.

n. a situation in which a difficult choice has to be made between two or more options, especially that are equally unfavorable ones

ANSWERS: 17. strategy, 18. chemical, 19. requirement, 20. seamless, 21. temperatures, 22. thermometer, 23. monitor, 24. dilemma

25. The curtain rose to _____ a fantastic set.
- v.* to make something, such as secret or new information, known publicly
26. Children must be taught to _____ our natural environment.
- v.* to protect something, especially the natural environment or culture, from change, damage, or destruction
27. I must _____ the bushes in my front yard before they get too overgrown.
- v.* to make neat or tidy by clipping, cutting, or pruning away excess or unwanted parts; to adjust or modify to improve efficiency or performance
28. The consumer-electronics _____ offered a discount for customers who paid in cash.
- n.* a person or business that sells goods to the public, typically in small quantities
29. Human conservation efforts often fail unexpectedly because they disturb the balance of the _____.
- n.* all the plants and living creatures in an area and the way they affect each other and the environment
30. 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
31. The phone rang at the most _____ time.
- adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
32. The company's stock gives a high _____.
- n.* the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information

ANSWERS: 25. disclose, 26. conserve, 27. trim, 28. retailer, 29. ecosystem, 30. fiction, 31. opportune, 32. yield

33. I always carry a backup _____ in case my phone runs out of battery.
n. a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
34. The teacher attempted to _____ the root cause of our mistake.
v. to think about in-depth and evaluate to discover essential features or meaning
35. This artwork is _____ of her work.
adj. having the usual characteristics or traits of a specific group of things
36. My father is _____ in his thinking.
adj. of or relating to a time in the past; not modern
37. The economic stimulation program would _____ a lot of new jobs.
v. to produce or create something; to make offspring by reproduction
38. The museum houses a _____ collection of Celtic artifacts.
adj. extremely interesting
39. He _____ deeply, trying to calm down.
v. to breathe in air or a different substance, such as smoke
40. As an _____ he had the right to make his own decisions and live his life as he saw fit.
n. a single person or thing, as distinct from a group
41. The gap between the company and its _____ has widened.
n. a person who participates in a sporting contest; a person or organization that competes with others, particularly in business

ANSWERS: 33. device, 34. analyze, 35. typical, 36. old-fashioned, 37. generate, 38. fascinating, 39. inhaled, 40. individual, 41. competitors

42. The _____ rainstorm caused the collapse of the corral.
adj. not anticipated or regarded as likely to happen
43. 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
44. 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
45. Sow early for an early _____.
n. a plant that is cultivated in large amounts, particularly for food
46. Mercury is the closest _____ to the sun.
n. any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
47. The ladder leaned against the _____ surface of the building.
adj. upright or perpendicular to a horizontal surface or line
48. He was preparing for a long _____ through the mountains.
n. a long and difficult journey, typically on foot
49. The _____ of the device was immediately apparent to all who saw it.
n. the state or quality of being useful or convenient; the service, such as electric power or water or transportation, provided by a public
50. She received several _____ calls.
adj. having no known name, identity, or known source

ANSWERS: 42. unexpected, 43. decide, 44. drone, 45. crop, 46. planet, 47. vertical, 48. trek, 49. utility, 50. anonymous

51. He tried to _____ a bad reputation and win the election.

v. to succeed in controlling or dealing with something, such as a problem or difficulty; to defeat or overwhelm someone

52. He was a computer _____ and spent all his free time coding.

n. a person who is highly interested and knowledgeable about a particular subject or field, often to the point of being obsessed

53. 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

54. There are several _____ machines in the factory because of the decreased orders.

adj. not working hard or not having a job; useless

55. The _____ laptop was easy to carry around and perfect for travel.

adj. having a slender or thin build, often by design or effort; of small size, amount, or margin; reduced or limited

56. 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

57. He accumulated wealth across a _____ spectrum of assets.

adj. very wide; general

58. Our subscription plan is _____ renewed.

adv. without needing a direct human control

ANSWERS: 51. overcome, 52. geek, 53. advantages, 54. idle, 55. slim, 56. scenarios, 57. broad, 58. automatically

59. _____ and weather have an impact on every part of our lifestyles.
n. the weather in a particular location averaged over some long period
60. The mobile application industry is a _____ one.
adj. involving competition or competitiveness
61. A significant amount of _____ is required to be a teacher.
n. the reason or enthusiasm for acting or behaving in a particular way
62. 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
63. After the summit meeting, the prime ministers issued a _____ statement.
adj. shared, held, or made between two or more people; (noun) the point of connection between two bones or elements of a skeleton
64. The _____ development process allowed the team to make changes quickly.
adj. able to move quickly and easily, often in a way that is graceful and controlled
65. 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
66. Companies developing self-driving cars consistently _____ the emerging technologies.
v. to introduce new methods, ideas, or products

ANSWERS: 59. Climate, 60. competitive, 61. motivation, 62. navigate, 63. joint, 64. agile, 65. invest, 66. innovate

67. The food chain causes a material _____.

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

68. 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

69. I had to _____ my car's battery this morning because it was dead.

- v.* to start or revitalize something stagnant or slow-moving, often by introducing new ideas or energy; to kick-start a car or other vehicle by connecting it to another vehicle's battery

70. Fresh water is becoming increasingly _____ in many parts of the world.

- adj.* not abundant or plentiful, and therefore not easy to find or obtain

71. We choose transportation that has a smaller carbon _____.

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

72. There's a new _____ of hero in the movies now.

- n.* a type of product, service, etc., made by a particular company and sold under a specific name; identification mark on the skin of livestock, criminals, etc., made by burning

73. The _____ opinion was that the project would be a success.

- adj.* most frequent, widespread, or currently dominant, usually referring to a particular opinion, attitude, or trend

ANSWERS: 67. cycle, 68. background, 69. jump-start, 70. scarce, 71. footprint, 72. brand, 73. prevailing

74. The government tried to _____ the commercialization of this development.

v. to make something faster or earlier; to cause to develop or progress more quickly

75. The Chinese people have accomplished several _____ feats.

adj. famous or significant in history, or potentially so

76. The _____ process can be long and difficult, but it is worth it for the love of a child.

n. the action or fact of legally taking another's child as one's own; the act of accepting with approval

77. Don't forget to put the eggs in the _____ after you've used them.

n. an appliance or device used for preserving and cooling food and beverages by maintaining a low temperature within a closed compartment

78. _____ is the foundation of our economy.

n. the practice or science of cultivating the land or raising stock

79. He _____ stole money from the company.

adv. according to what has been stated or reported; supposedly

80. The government should do more to support environmentally _____ agriculture.

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

81. She had many good _____ and few faults.

n. high moral standards in behavior or attitudes

ANSWERS: 74. accelerate, 75. historic, 76. adoption, 77. refrigerator, 78. Agriculture, 79. allegedly, 80. sustainable, 81. virtues

82. 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
83. The two universities will _____ in July next year.
- v.* to make something more vital, more solid, or more certain
84. 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
85. 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
86. This automatic door could no longer be opened due to a _____ failure.
- n.* a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner
87. Each department has done its product costing _____.
- adv.* separately or apart from others
88. The water shortage in the region has made it difficult for farmers to _____ their crops.
- v.* to supply water to land to help plants grow

ANSWERS: 82. equipped, 83. consolidate, 84. platform, 85. traffic, 86. sensor, 87. individually, 88. irrigate

89. We should always be prepared to _____ talented recruits.

v. to give somebody a job

90. The audience was not duped by the media's _____ around the event.

n. advertisements and media discussions informing the public about a product and how nice or vital it is

91. This company has invested heavily in Internet _____.

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

92. Sugar is _____ in food.

adj. being or existing everywhere at once

93. Trees absorb _____ dioxide and give off oxygen.

n. a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals

94. Excessive human interference in the global environment may bring _____ consequences.

adj. not planned or meant

95. Five of the six provinces will become _____ regions under the new federal system of government.

adj. capable of governing or controlling its affairs

96. Her _____ is comfortable clothing over fashionable ones.

n. a stronger liking or interest for something or someone than another thing or person

ANSWERS: 89. hire, 90. hype, 91. commerce, 92. ubiquitous, 93. carbon, 94. unintended, 95. autonomous, 96. preference

97. She was struggling to make a _____ between two job offers.
- n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options
98. She stood on the podium and _____ an audience.
- v.* to examine something hastily, with the eyes or with a machine, to get information
99. I have to _____ over to the next desk because there's not enough room for me to sit comfortably.
- v.* to move or glide along quickly and smoothly on a surface, especially on a scooter or similar device
100. He always had to carry an inhaler due to his severe _____.
- n.* a chronic respiratory disease characterized by wheezing, coughing, and difficulty breathing
101. We want to _____ ties between our two countries.
- v.* to make or become better
102. Launching an artificial _____ contributed to the technological development of our country.
- n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
103. The heavy _____ in the city was causing health issues for the residents.
- n.* a type of air pollution that forms a mixture of smoke and fog resulting from the combustion of fossil fuels, industrial activity, and motor vehicle emissions in urban areas

ANSWERS: 97. decision, 98. scanned, 99. scoot, 100. asthma, 101. improve, 102. satellite, 103. smog

104. Sensors convert physical phenomena into _____ signals.

adj. processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet

105. The leaders of the two countries met to _____ on the issue.

v. to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something

106. 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

107. This food contains all the _____ your dog requires.

n. the substances or the process that organisms take into their bodies as food for their growth and health

108. He did _____ pen-and-ink drawings in just a few days.

adj. involving a lot of different things or parts in a way that is difficult to understand or analyze

109. The _____ camera revealed a hidden image on the surface.

adj. relating to or denoting electromagnetic radiation with a wavelength just longer than that of red light but shorter than that of microwave radiation, used for sensing heat and for remote control

110. The robot can accurately _____ construction material.

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

111. 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

ANSWERS: 104. digital, 105. confer, 106. transportation, 107. nutrition, 108. complicated, 109. infrared, 110. locate, 111. distant

112. The airport offers five _____ access routes.

adj. useful, helpful, or quick to do

113. The _____ principle of every business was identical.

adj. significant as a cause or basis of something but not immediately apparent or stated clearly

ANSWERS: 112. convenient, 113. underlying