

# Englist.me



## Vocabulary Builder Reference from...

Anirudh Sharma: Ink made of air pollution | TED Talk  
[https://www.ted.com/talks/anirudh\\_sharma\\_ink\\_made\\_of\\_air\\_pollution](https://www.ted.com/talks/anirudh_sharma_ink_made_of_air_pollution)

### All Words

#### IMPORTANT

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## Session 1: Word List

### exposure

*n.* the state of being in a particular situation or place where there is no protection from or guarantee to something harmful; the disclosure of something secret

*synonym*: vulnerability, disclosure, uncovering

(1) a southern **exposure**, (2) the **exposure** of a fraud

The long **exposure** to the air tarnished the antique tableware.

### outdo

*v.* to do better than someone; to surpass

*synonym*: excel, surpass, outshine

(1) **outdo** him in trickery, (2) **outdo** the competition

He tried to **outdo** his rival by breaking the world record.

### pollution

*n.* the introduction of harmful substances or waste into the natural environment that causes adverse change

*synonym*: corrosion, deterioration, corruption

(1) environmental **pollution**, (2) high levels of air **pollution**

The **pollution** is endangering the local plants and animals.

### petri

*n.* (petri dish) a small, clear, and round dish with a lid used in laboratories, especially for growing bacteria

(1) **petri** dish test, (2) bacteria on **petri** dishes

Glass **petri** dishes are used to culture microorganisms.

## approximately

*adv.* close to a specific number or time but not exactly that number or time

*synonym* : about, around, roughly

(1) **approximately** 3 feet long, (2) **approximately** same  
This trail takes **approximately** 2.5 hours.

## capture

*v.* to catch a person or an animal and confine them in an area which they cannot escape

*synonym* : catch, arrest, imprison

(1) **capture** a glimpse, (2) **capture** customers' hearts  
I was able to **capture** the moment on film.

## pyrolysis

*n.* a chemical reaction that occurs with the application of heat, resulting in the breakdown of material into smaller chemical components or constituents, often involving the release of gases or liquid byproducts

*synonym* : thermolysis, carbonization, conversion

(1) bio- **pyrolysis**, (2) **pyrolysis** plant

The **pyrolysis** of wood produces charcoal, which can be used as a fuel source.

## particle

*n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance

*synonym* : atom, grain, bit

(1) charged **particle**, (2) **particle** energy

We can calculate the position of the **particles** statistically.

## lung

*n.* either of the two organs in the chest that people and some animals use for breathing

(1) **lung** capacity, (2) do **lung** transplantation

He has terminal **lung** cancer.

## filter

*n.* any of several types of equipment or systems used to separate particles from liquids or gases or to remove specific forms of light

*synonym* : strainer

(1) gas **filter**, (2) clogged **filter**

Ozone is a primary **filter** to protect Earth's surface from harmful UV rays.

## 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**.

## cancer

*n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells  
*synonym*: tumor, carcinoma, malignancy

(1) **cancer** diagnosis, (2) **cancer** research

Breast **cancer** is the most common type of cancer in women.

## 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.

## exhaust

*n.* the system in a vehicle that removes waste gases from the engine; (verb) to make someone completely tired  
*synonym*: emission, fumes, (verb) deplete

(1) **exhaust** pipe, (2) **exhaust** a topic

The factory's **exhaust** fumes polluted the air and affected the health of the nearby residents.

## diesel

*n.* a type of heavy oil used as fuel; a vehicle or engine that uses diesel fuel

(1) **diesel** engine, (2) **diesel** car

Nearly all tractors operate on **diesel** fuel.

## 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.

## industrialize

*v.* to organize the production of something into an industry

*synonym*: motorize

(1) **industrialize** service, (2) **industrialized** textile production

The nations of South East Asia will quickly **industrialize** and catch up with the West.

## triangular

*adj.* having three angles or sides; forming or shaped like a triangle (= a three-sided polygon)

*synonym*: three-cornered, trilateral

(1) a **triangular** alliance, (2) **triangular** form

The **triangular** shape of the pyramid was an important architectural feature.

## swatch

*n.* a small sample or piece taken from a larger whole, often used for testing or comparison; a range of samples or colors used to demonstrate or promote a product or brand

*synonym*: sample, specimen, scrap

(1) **swatch** of fabric, (2) color **swatch**

I need to choose a **swatch** of paint to match my new couch.

## residual

*adj.* relating to or constituting a remainder or leftover portion; remaining after other elements or factors have been removed or taken into account

*synonym*: residuary, leftover, remaining

(1) **residual** waste, (2) **residual** income

The scientist found **residual** traces of the chemical in the water sample.

## particulate

*adj.* consisting of small particles, especially those that are suspended in a fluid or air

*synonym* : granular, dusty

(1) **particulate** size, (2) **particulate** pollution

Smoke from forest fires is causing an increase in **particulate** matter in the air.

## emission

*n.* the act of production or sending out gas, heat, light, etc.

*synonym* : emanation, radiation, discharge

(1) global **emissions** of greenhouse gases, (2) the **emission** of light

There are five distinct **emissions** at five unique wavelengths.

## rethink

*v.* to consider again a plan, idea, etc., especially to change it

*synonym* : reexplore, review, reconsider

(1) **rethink** a marketing plan, (2) **rethink** the role of the manager

We have to **rethink** our company's product lineup for further growth.

## conventionally

*adv.* in a way that follows accepted customs, rules, or standards; in a way that is typical or traditional

*synonym* : traditionally, customarily, conventionally

(1) **conventionally** dressed, (2) **conventionally** grown crops

**Conventionally**, doctors recommend getting at least 8 hours of sleep per night for optimal health.

## traditionally

*adv.* in accordance with tradition; typically or commonly done in a particular way

*synonym* : conventionally, commonly, generally

(1) **traditionally** accepted concept, (2) **traditionally** sung at a banquet

**Traditionally**, the ceremony was held outdoors.

## fossil

*n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock

*synonym* : relic, remnant, antediluvian

(1) burning of **fossil** fuels, (2) a **fossil** leaf

It was the **fossil** of a dinosaur tooth.

## fuel

*n.* a substance that is typically burned to generate heat or energy

*synonym* : energy, power, gas

(1) biomass **fuel**, (2) smokeless **fuel**

The **fuel** scarcity most severely impacted the manufacturing sector

## 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.

## basis

*n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged

*synonym* : foundation, base, ground

(1) on an equal **basis**, (2) **basis** for calculation

This evidence will form the **basis** for our discussion.

## engine

*n.* a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose

*synonym* : motor, locomotive, driver

(1) a steam **engine**, (2) an air-cooled **engine**

The policies he announces can be the **engine** of economic growth in the country.

## recycle

*v.* to sort and collect things to process them and produce valuable materials that can be used again

*synonym* : reclaim, reuse, reprocess

(1) **recycle** the cardboard boxes, (2) **recycle** milk packaging into new paper

We largely **recycle** the circuit board of cell phones because they contain a lot of valuable metals.

## 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.

## experiment

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

*synonym* : experimentation, investigation

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

His **experiments** showed highly positive results.

## lab

*n.* a workplace for the conduct of scientific research; a laboratory

*synonym* : workshop, laboratory, research chamber

(1) **lab** instrument, (2) medical **lab**

The Prime Minister will pay a courtesy visit to the Nobel laureate's **lab**.

## conduct

*v.* to organize and carry out a particular activity

*synonym* : behave, lead, carry on

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

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

## resort

*n.* a place where many people go for rest, sport, or another stated purpose; (verb) to turn to or take a course of action, especially an extreme or undesirable one, to resolve a difficult circumstance

*synonym* : vacation spot, hotel, (verb) address

(1) **resort** to desperate measures, (2) a last **resort**  
If both countries **resort** to nuclear deterrence, the consequence could be mutual destruction.

## contraption

*n.* a machine or device that is made up of a combination of interconnected parts and often appears complicated or unusual

*synonym* : device, gadget, machinery

(1) farming **contraption**, (2) complicated **contraption**

The inventor created a **contraption** that could turn salt water into drinking water.

## soot

*n.* a black, powdery substance that is produced by the incomplete burning of a material such as coal, wood, or oil and is often found on surfaces near the source of the fire

*synonym* : smut, dirt

(1) **soot-covered** walls, (2) black **soot**

The fire left a layer of **soot** on everything in the room.

## vodka

*n.* a distilled alcoholic beverage made from fermented grains or potatoes, typically with high alcohol content and little or no added flavoring

*synonym* : spirit, liquor, distilled beverage

(1) **vodka** shot, (2) flavored **vodka**

I ordered a **vodka** tonic at the bar.

## hack

*v.* to hit and cut somebody or something roughly and violently; to find a bug in a computer program and break into their systems or networks

*synonym* : cut, chop, crack

(1) **hack** through the jungle, (2) **hack** into the program

This blog offers a variety of tips for **hacking** everyday life.

## churn

*v.* to stir or agitate a liquid, substance, or mixture vigorously to produce foam or because of violent movement; to cause a large number of people to move



or leave; to produce something, such as money, through continuous activity or turnover

*synonym* : stir, agitate, whirl

(1) **churn** out manufactured goods, (2) **churn** in my stomach

The cream needs to be **churned** for several minutes before it becomes butter.

## rudimentary

*adj.* relating to basic facts or principles; fundamental

*synonym* : essential, fundamental, elementary

(1) a **rudimentary** plant, (2) **rudimentary** understanding

He has only a **rudimentary** knowledge of this topic.

## cartridge

*n.* a container, usually made of paper, containing a charge or charges of explosive or combustible material used in firearms or pyrotechnics

*synonym* : magazine, shell, bullet

(1) **cartridge** chamber, (2) ink **cartridge**

I need a new printer **cartridge** because my old one has run out of ink.

## disaster

*n.* an unexpected event or series of events that cause widespread damage, destruction, or loss of life

*synonym* : catastrophe, calamity, tragedy

(1) global **disaster**, (2) **disaster** recovery

The **disaster** response team worked around the clock to aid those affected by the earthquake.

## passersby

*n.* people who are walking past a particular place often used to refer to a group of people or an undefined number of individuals

*synonym* : bystanders, onlookers, observers

(1) **passersby** on the sidewalk, (2) group of **passersby**

The busy street was filled with **passersby** hurrying to their destinations.

## bomb

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

*synonym* : missile, explosive, ammunition

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

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

## vicinity

*n.* the area or region surrounding or in the general vicinity of a particular place or location; a nearby or neighboring region

*synonym* : proximity, nearness, locality

(1) immediate **vicinity**, (2) city and its **vicinity**

The area in the **vicinity** of the mall is known for its heavy traffic congestion.

## garage

*n.* a building or part of a building used to store a vehicle or vehicles, typically a car

*synonym* : carport, shed, barn

(1) electrical **garage** door, (2) **garage** repair

He parked his car in the private **garage**.

## prototype

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

*synonym* : mock-up, precursor, model

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

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

## release

*v.* to set free or allow to escape from confinement

*synonym* : free, let go, discharge

(1) **release** a prisoner, (2) **release** CO2 into the air

The animal rights group worked to **release** the dolphins back into the wild.

## conventional

*adj.* based on or following traditional rules, standards, customs, etc.

*synonym* : ancestral, customary, established

(1) a **conventional** style, (2) get a **conventional** loan

She is very **conventional** in her thoughts.

## 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.

## static

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

*synonym* : immobile, unchanging, fixed

(1) **static** electricity, (2) **static** website

The **static** image on the screen took a lot of work to make out.

## fume

*v.* to emit gas, smoke, vapor, or a strong, unpleasant odor; to show anger, irritation, or annoyance in a visible way;  
(noun) gas or vapor that is emitted from a substance, usually as a result of heating or combustion

*synonym* : smoke, vaporize, emit

(1) **fume** with anger, (2) acrid **fumes**

The angry customer began to **fume** when their order was delayed.

## disappear

*v.* to cease to exist or be visible

*synonym* : fade, evaporate, vanish

(1) **disappear** without a trace, (2) **disappear** after a week

They watched the train **disappear** into the distance.

## 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.

## celebrated

*adj.* renowned for possessing admirable attributes

*synonym* : acclaimed, notable, prominent

(1) **celebrated** artist, (2) **celebrated** paper

Three **celebrated** tenors performed during the president's inauguration.

## incorrect

*adj.* not in accordance with fact or truth or not accurate

*synonym* : unsound, wrong, inaccurate

(1) make an **incorrect** report, (2) an **incorrect** translation

He found my English sentences are **incorrect**.

## corporation

*n.* a large company or group of companies that are controlled together by law as a single unit

*synonym* : business, company, enterprise

(1) a public **corporation**, (2) **corporation** assets

Four companies were amalgamated into a single **corporation**.

## invention

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

*synonym* : creation, design, innovation

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

Necessity is the mother of **invention**.

## deploy

*v.* to move troops or weapons into a position or military action; to bring into something in an effective way

*synonym* : set up, expand, launch

(1) **deploy** troops for battle, (2) **deploy** safety measures

This country **deployed** its weapons in the east region.

## assembly

*n.* a group of people who have been elected, especially one that meets regularly and makes decisions or laws for a specific region or country

*synonym* : crowd, gathering, mass

(1) **assembly** line, (2) **assembly** hall

This company's **assembly** plant is an enormous facility.

## cofounder

*n.* one of several people who establishes an organization or starts a business

(1) **cofounder** of the university, (2) late **cofounder**

He is the **cofounder** and chairman of this tech company.

## artwork

*n.* the pieces of art, such as pictures and photographs used in books, magazines, etc.

*synonym*: painting, picture, graphics

(1) ancient **artwork**, (2) **artwork** conservation

Videos documenting the process of creating this pencil **artwork** have been popular worldwide.

## 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.

## engineer

*n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software

*synonym*: architect, creator, builder

(1) a civil **engineer**, (2) **engineer** shortage

The **engineer** will repair my telephone tomorrow morning.

## satisfy

*v.* to make somebody pleased by giving them what they want or need

*synonym*: please, amuse, meet

(1) **satisfy** a desire, (2) **satisfy** a user's needs

Did this response **satisfy** your request?

## contagious

*adj.* able to be passed on to others through contact or proximity, especially by infection or disease

*synonym*: infectious, transmissible, communicable

(1) **contagious** enthusiasm, (2) **contagious** virus

The disease is highly **contagious** and spreads quickly.

## Christ

*n.* the man that Christians believe is the prophet and the son of God, and whose life and sermons form the basis for Christianity

*synonym* : Savior, Jesus Christ, Jesus

(1) teaching of **Christ**, (2) before **Christ**

**Christmas** is the day to celebrate the birth of Christ.

## roll

*v.* to move in a particular direction by turning over and over or from side to side

*synonym* : spin, swirl, wheel

(1) **roll** a ball, (2) **roll** down his cheeks

He was exhausted and **rolled** into bed as soon as he got home.

## process

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

*synonym* : procedure, method, system

(1) **process** improvement, (2) decision-making **process**

The **process** for applying for a visa can be lengthy and complicated.

## replace

*v.* to take the place of something

*synonym* : substitute, supersede, displace

(1) **replace** one word with another, (2) **replace** a phone

Eventually, the new design will **replace** all older models.

## spam

*n.* unwanted email, usually of advertising material sent out in bulk

*synonym* : junk email

(1) receive a **spam** email, (2) anti- **spam** technology

You can remove **spam** messages with special software.

## pollute

*v.* to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste

matter or harmful chemicals

*synonym* : contaminate, corrupt, degrade

(1) **pollute** the air, (2) **pollute** the thread

We should do our best not to **pollute** the environment.

## specific

*adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

*synonym* : particular, definite, distinct

(1) **specific** instructions, (2) industry- **specific** regulations

The scientist conducted a study that provided **specific** details about the species' behavior.

## landfill

*n.* a site for the disposal of waste materials

*synonym* : dump, trash-yard, waste-yard

(1) disposal in a **landfill**, (2) **landfill** sites

This country faces problems in finding enough suitable **landfill** sites.

## dump

*v.* to deposit or dispose of something, such as trash, waste, etc., carelessly or hurriedly

*synonym* : throw away, dispose

(1) **dump** the gravel on the road, (2) **dump** hazardous waste

The company **dumped** him after several years of service.

## economics

*n.* the branch of social science that deals with the production, consumption, and transfer of goods and services

*synonym* : social science, finance, business

(1) welfare **economics**, (2) **economics** professor

His class will cover an introduction to agricultural **economics**.

## incentivize

*v.* to make someone want to do in a particular way by offering them a reward

*synonym* : encourage, motivate

(1) **incentivize** carpooling, (2) **incentivize** the right behavior

Governments **incentivize** their citizens to buy eco-friendly products through subsidies.

## **claim**

*v.* to assert that something is true; to demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or something that one believes to be true

*synonym*: assert, declare, maintain

(1) **claim** responsibility, (2) false **claim**

He wants to **claim** ownership of the abandoned property.

## **slightly**

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

*synonym*: barely, narrowly, scarcely

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

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

## **outdoors**

*adv.* in or into the open air; outside a building or structure

*synonym*: outside, al fresco, in the open air

(1) exhausted **outdoors**, (2) sleep **outdoors**

She loves to hike **outdoors** and explore nature.



## Session 2: Spelling

- |                                |  |
|--------------------------------|--|
| 1. re__t to desperate measures | <i>n.</i> a place where many people go for rest, sport, or another stated purpose; (verb) to turn to or take a course of action, especially an extreme or undesirable one, to resolve a difficult circumstance |
| 2. smokeless f__l              | <i>n.</i> a substance that is typically burned to generate heat or energy  |
| 3. d__p the gravel on the road | <i>v.</i> to deposit or dispose of something, such as trash, waste, etc., carelessly or hurriedly  |
| 4. black s__t                  | <i>n.</i> a black, powdery substance that is produced by the incomplete burning of a material such as coal, wood, or oil and is often found on surfaces near the source of the fire                            |
| 5. app_____ely 3 feet long     | <i>adv.</i> close to a specific number or time but not exactly that number or time   |
| 6. ou__o him in trickery       | <i>v.</i> to do better than someone; to surpass  |
| 7. co____t a background check  | <i>v.</i> to organize and carry out a particular activity  |
| 8. sa_____y a user's needs     | <i>v.</i> to make somebody pleased by giving them what they want or need   |
| 9. the br__d of the new car    | <i>n.</i> 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: 1. resort, 2. fuel, 3. dump, 4. soot, 5. approximately, 6. outdo, 7. conduct, 8. satisfy, 9. brand

10. re\_\_\_\_\_e CO2 into the air      *v.* to set free or allow to escape from confinement
11. ga\_\_\_\_e repair      *n.* a building or part of a building used to store a vehicle or vehicles, typically a car
12. a tri\_\_\_\_\_ar alliance      *adj.* having three angles or sides; forming or shaped like a triangle (= a three-sided polygon)
13. re\_\_\_\_\_e the cardboard boxes      *v.* to sort and collect things to process them and produce valuable materials that can be used again
14. pe\_\_i dish test      *n.* (petri dish) a small, clear, and round dish with a lid used in laboratories, especially for growing bacteria
15. as\_\_\_\_\_ly hall      *n.* a group of people who have been elected, especially one that meets regularly and makes decisions or laws for a specific region or country
16. inc\_\_\_\_\_ze the right behavior      *v.* to make someone want to do in a particular way by offering them a reward
17. pro\_\_\_\_\_on of civilization      *n.* the act or process of changing to the next stage or phase or moving forward
18. series of exp\_\_\_\_\_nts      *n.* the scientific test conducted to observe what happens and gain new knowledge
19. co\_\_\_\_\_t research      *v.* to organize and carry out a particular activity
20. sl\_\_\_\_\_ly alkaline soils      *adv.* in a small degree or extent; a little
21. app\_\_\_\_\_ely same      *adv.* close to a specific number or time but not exactly that number or time

ANSWERS: 10. release, 11. garage, 12. triangular, 13. recycle, 14. petri, 15. assembly, 16. incentivize, 17. progression, 18. experiment, 19. conduct, 20. slightly, 21. approximately

22. as\_\_\_a symptoms *n.* a chronic respiratory disease characterized by wheezing, coughing, and difficulty breathing
23. false cl\_\_m *v.* to assert that something is true; to demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or something that one believes to be true
24. global em\_\_\_\_\_ons of greenhouse gases *n.* the act of production or sending out gas, heat, light, etc.
25. complete a pr\_\_\_\_\_pe product *n.* a first or preliminary example of something such as a device or vehicle from which other forms are developed
26. po\_\_\_\_\_e the air *v.* to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals
27. ar\_\_\_\_\_k conservation *n.* the pieces of art, such as pictures and photographs used in books, magazines, etc.
28. biomass f\_\_l *n.* a substance that is typically burned to generate heat or energy
29. increase sl\_\_\_\_\_ly *adv.* in a small degree or extent; a little
30. sw\_\_\_h of fabric *n.* a small sample or piece taken from a larger whole, often used for testing or comparison; a range of samples or colors used to demonstrate or promote a product or brand

ANSWERS: 22. asthma, 23. claim, 24. emission, 25. prototype, 26. pollute, 27. artwork, 28. fuel, 29. slightly, 30. swatch

31. s\_\_t-covered walls *n.* a black, powdery substance that is produced by the incomplete burning of a material such as coal, wood, or oil and is often found on surfaces near the source of the fire
32. ch\_\_n in my stomach *v.* to stir or agitate a liquid, substance, or mixture vigorously to produce foam or because of violent movement; to cause a large number of people to move or leave; to produce something, such as money, through continuous activity or turnover
33. exp\_\_\_\_\_nt design *n.* the scientific test conducted to observe what happens and gain new knowledge
34. ba\_\_s for calculation *n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged
35. la\_\_\_\_\_ll sites *n.* a site for the disposal of waste materials
36. con\_\_\_\_\_lly grown crops *adv.* in a way that follows accepted customs, rules, or standards; in a way that is typical or traditional
37. on an equal ba\_\_s *n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged
38. as\_\_\_a attack *n.* a chronic respiratory disease characterized by wheezing, coughing, and difficulty breathing

ANSWERS: 31. soot, 32. churn, 33. experiment, 34. basis, 35. landfill, 36. conventionally, 37. basis, 38. asthma

39. di\_\_\_\_\_er recovery *n.* an unexpected event or series of events that cause widespread damage, destruction, or loss of life
40. ec\_\_\_\_\_cs professor *n.* the branch of social science that deals with the production, consumption, and transfer of goods and services
41. early pr\_\_\_\_\_pe *n.* a first or preliminary example of something such as a device or vehicle from which other forms are developed
42. the em\_\_\_\_\_on of light *n.* the act of production or sending out gas, heat, light, etc.
43. em\_\_\_\_\_ng country *adj.* starting to exist, mature, or become well-known
44. di\_\_\_\_\_ar after a week *v.* to cease to exist or be visible
45. l\_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
46. receive a s\_\_m email *n.* unwanted email, usually of advertising material sent out in bulk
47. con\_\_\_\_\_lly dressed *adv.* in a way that follows accepted customs, rules, or standards; in a way that is typical or traditional
48. welfare ec\_\_\_\_\_cs *n.* the branch of social science that deals with the production, consumption, and transfer of goods and services
49. atomic b\_\_bs *n.* a weapon that explodes and is used to kill or injure people or to cause damage to something
50. a public cor\_\_\_\_\_on *n.* a large company or group of companies that are controlled together by law as a single unit

ANSWERS: 39. disaster, 40. economics, 41. prototype, 42. emission, 43. emerging, 44. disappear, 45. lab, 46. spam, 47. conventionally, 48. economics, 49. bomb, 50. corporation

51. ad\_\_\_\_e a cooperative relationship      *v.* to go or move forward; to develop in a positive way
52. group of pa\_\_\_\_\_by      *n.* people who are walking past a particular place often used to refer to a group of people or an undefined number of individuals
53. teaching of Ch\_\_\_\_t      *n.* the man that Christians believe is the prophet and the son of God, and whose life and sermons form the basis for Christianity
54. 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
55. py\_\_\_\_\_is plant      *n.* a chemical reaction that occurs with the application of heat, resulting in the breakdown of material into smaller chemical components or constituents, often involving the release of gases or liquid byproducts
56. ancient ar\_\_\_\_\_k      *n.* the pieces of art, such as pictures and photographs used in books, magazines, etc.
57. as\_\_\_\_\_ly line      *n.* a group of people who have been elected, especially one that meets regularly and makes decisions or laws for a specific region or country
58. re\_\_\_\_\_al income      *adj.* relating to or constituting a remainder or leftover portion; remaining after other elements or factors have been removed or taken into account

ANSWERS: 51. advance, 52. passersby, 53. Christ, 54. carbon, 55. pyrolysis, 56. artwork, 57. assembly, 58. residual

59. a last re\_\_\_t *n.* a place where many people go for rest, sport, or another stated purpose; (verb) to turn to or take a course of action, especially an extreme or undesirable one, to resolve a difficult circumstance
60. before Ch\_\_\_t *n.* the man that Christians believe is the prophet and the son of God, and whose life and sermons form the basis for Christianity
61. h\_\_k into the program *v.* to hit and cut somebody or something roughly and violently; to find a bug in a computer program and break into their systems or networks
62. pa\_\_\_\_\_by on the sidewalk *n.* people who are walking past a particular place often used to refer to a group of people or an undefined number of individuals
63. de\_\_\_e a question *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
64. sa\_\_\_\_\_y a desire *v.* to make somebody pleased by giving them what they want or need
65. di\_\_\_\_\_ar without a trace *v.* to cease to exist or be visible
66. po\_\_\_\_\_e the thread *v.* to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals
67. disarm the b\_\_b *n.* a weapon that explodes and is used to kill or injure people or to cause damage to something

ANSWERS: 59. resort, 60. Christ, 61. hack, 62. passersby, 63. decide, 64. satisfy, 65. disappear, 66. pollute, 67. bomb

68. an in\_\_\_\_\_ct translation *adj.* not in accordance with fact or truth or not accurate
69. ind\_\_\_\_\_ize service *v.* to organize the production of something into an industry
70. 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
71. ca\_\_\_\_\_e customers' hearts *v.* to catch a person or an animal and confine them in an area which they cannot escape
72. high levels of air po\_\_\_\_\_on *n.* the introduction of harmful substances or waste into the natural environment that causes adverse change
73. par\_\_\_\_\_te pollution *adj.* consisting of small particles, especially those that are suspended in a fluid or air
74. 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
75. clogged fi\_\_\_r *n.* any of several types of equipment or systems used to separate particles from liquids or gases or to remove specific forms of light
76. r\_\_l a ball *v.* to move in a particular direction by turning over and over or from side to side

ANSWERS: 68. incorrect, 69. industrialize, 70. stick, 71. capture, 72. pollution, 73. particulate, 74. carbon, 75. filter, 76. roll



77. common in \_\_\_\_\_ on *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
78. a steam en \_\_\_ e *n.* a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose
79. rud \_\_\_\_\_ ry understanding *adj.* relating to basic facts or principles; fundamental
80. re \_\_\_\_\_ e a prisoner *v.* to set free or allow to escape from confinement
81. de \_\_\_ y safety measures *v.* to move troops or weapons into a position or military action; to bring into something in an effective way
82. complicated con \_\_\_\_\_ on *n.* a machine or device that is made up of a combination of interconnected parts and often appears complicated or unusual
83. ad \_\_\_\_\_ e the technology *v.* to go or move forward; to develop in a positive way
84. sp \_\_\_\_\_ ic instructions *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
85. cel \_\_\_\_\_ ed artist *adj.* renowned for possessing admirable attributes
86. a southern ex \_\_\_\_\_ re *n.* the state of being in a particular situation or place where there is no protection from or guarantee to something harmful; the disclosure of something secret

ANSWERS: 77. invention, 78. engine, 79. rudimentary, 80. release, 81. deploy, 82. contraption, 83. advance, 84. specific, 85. celebrated, 86. exposure

87. re\_\_\_\_k a marketing plan      *v.* to consider again a plan, idea, etc., especially to change it
88. 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
89. em\_\_\_\_ng technologies      *adj.* starting to exist, mature, or become well-known
90. st\_\_\_c electricity      *adj.* not moving or not capable of moving, not changing or not capable of changing
91. environmental po\_\_\_\_on      *n.* the introduction of harmful substances or waste into the natural environment that causes adverse change
92. color sw\_\_\_h      *n.* a small sample or piece taken from a larger whole, often used for testing or comparison; a range of samples or colors used to demonstrate or promote a product or brand
93. the ex\_\_\_\_re of a fraud      *n.* the state of being in a particular situation or place where there is no protection from or guarantee to something harmful; the disclosure of something secret
94. an air-cooled en\_\_\_e      *n.* a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose
95. par\_\_\_\_te size      *adj.* consisting of small particles, especially those that are suspended in a fluid or air

ANSWERS: 87. rethink, 88. decide, 89. emerging, 90. static, 91. pollution, 92. swatch, 93. exposure, 94. engine, 95. particulate

96. ex\_\_\_\_\_t a topic *n.* the system in a vehicle that removes waste gases from the engine; (verb) to make someone completely tired
97. tra\_\_\_\_\_lly accepted concept *adv.* in accordance with tradition; typically or commonly done in a particular way
98. charged pa\_\_\_\_\_le *n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
99. burning of fo\_\_\_\_l fuels *n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
100. l\_\_\_\_g capacity *n.* either of the two organs in the chest that people and some animals use for breathing
101. r\_\_l down his cheeks *v.* to move in a particular direction by turning over and over or from side to side
102. acrid f\_\_es *v.* to emit gas, smoke, vapor, or a strong, unpleasant odor; to show anger, irritation, or annoyance in a visible way; (noun) gas or vapor that is emitted from a substance, usually as a result of heating or combustion
103. a rud\_\_\_\_\_ry plant *adj.* relating to basic facts or principles; fundamental
104. a civil en\_\_\_\_\_er *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
105. inc\_\_\_\_\_ze carpooling *v.* to make someone want to do in a particular way by offering them a reward

ANSWERS: 96. exhaust, 97. traditionally, 98. particle, 99. fossil, 100. lung, 101. roll, 102. fume, 103. rudimentary, 104. engineer, 105. incentivize

106. re\_\_\_\_\_e a phone *v.* to take the place of something
107. ch\_\_n out manufactured goods *v.* to stir or agitate a liquid, substance, or mixture vigorously to produce foam or because of violent movement; to cause a large number of people to move or leave; to produce something, such as money, through continuous activity or turnover
108. ex\_\_\_\_\_t pipe *n.* the system in a vehicle that removes waste gases from the engine; (verb) to make someone completely tired
109. di\_\_\_l car *n.* a type of heavy oil used as fuel; a vehicle or engine that uses diesel fuel
110. re\_\_\_\_\_al waste *adj.* relating to or constituting a remainder or leftover portion; remaining after other elements or factors have been removed or taken into account
111. co\_\_\_\_\_er of the university *n.* one of several people who establishes an organization or starts a business
112. 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
113. electrical ga\_\_\_e door *n.* a building or part of a building used to store a vehicle or vehicles, typically a car
114. ca\_\_\_r diagnosis *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells

ANSWERS: 106. replace, 107. churn, 108. exhaust, 109. diesel, 110. residual, 111. cofounder, 112. stick, 113. garage, 114. cancer

115. cor\_\_\_\_\_on assets *n.* a large company or group of companies that are controlled together by law as a single unit
116. anti-s\_\_m technology *n.* unwanted email, usually of advertising material sent out in bulk
117. farming con\_\_\_\_\_on *n.* a machine or device that is made up of a combination of interconnected parts and often appears complicated or unusual
118. re\_\_\_\_\_e milk packaging into new paper *v.* to sort and collect things to process them and produce valuable materials that can be used again
119. medical l\_b *n.* a workplace for the conduct of scientific research; a laboratory
120. make an in\_\_\_\_\_ct report *adj.* not in accordance with fact or truth or not accurate
121. con\_\_\_\_\_us virus *adj.* able to be passed on to others through contact or proximity, especially by infection or disease
122. the in\_\_\_\_\_on of new techniques *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
123. pr\_\_\_\_\_s improvement *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

ANSWERS: 115. corporation, 116. spam, 117. contraption, 118. recycle, 119. lab, 120. incorrect, 121. contagious, 122. invention, 123. process

124. pa\_\_\_\_\_le energy *n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
125. bio-py\_\_\_\_\_is *n.* a chemical reaction that occurs with the application of heat, resulting in the breakdown of material into smaller chemical components or constituents, often involving the release of gases or liquid byproducts
126. late co\_\_\_\_\_er *n.* one of several people who establishes an organization or starts a business
127. f\_\_e with anger *v.* to emit gas, smoke, vapor, or a strong, unpleasant odor; to show anger, irritation, or annoyance in a visible way; (noun) gas or vapor that is emitted from a substance, usually as a result of heating or combustion
128. con\_\_\_\_\_us enthusiasm *adj.* able to be passed on to others through contact or proximity, especially by infection or disease
129. a con\_\_\_\_\_nal style *adj.* based on or following traditional rules, standards, customs, etc.
130. en\_\_\_\_\_er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
131. re\_\_\_\_\_k the role of the manager *v.* to consider again a plan, idea, etc., especially to change it
132. ind\_\_\_\_\_ized textile production *v.* to organize the production of something into an industry

ANSWERS: 124. particle, 125. pyrolysis, 126. cofounder, 127. fume, 128. contagious, 129. conventional, 130. engineer, 131. rethink, 132. industrialize

133. a fo\_\_\_l leaf *n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
134. do l\_\_g transplantaion *n.* either of the two organs in the chest that people and some animals use for breathing
135. exhausted ou\_\_\_\_rs *adv.* in or into the open air; outside a building or structure
136. gas fi\_\_\_r *n.* any of several types of equipment or systems used to separate particles from liquids or gases or to remove specific forms of light
137. pro\_\_\_\_\_on of disease *n.* the act or process of changing to the next stage or phase or moving forward
138. disposal in a la\_\_\_\_\_ll *n.* a site for the disposal of waste materials
139. h\_\_k through the jungle *v.* to hit and cut somebody or something roughly and violently; to find a bug in a computer program and break into their systems or networks
140. di\_\_\_l engine *n.* a type of heavy oil used as fuel; a vehicle or engine that uses diesel fuel
141. de\_\_\_y troops for battle *v.* to move troops or weapons into a position or military action; to bring into something in an effective way
142. st\_\_\_c website *adj.* not moving or not capable of moving, not changing or not capable of changing
143. tri\_\_\_\_\_ar form *adj.* having three angles or sides; forming or shaped like a triangle (= a three-sided polygon)

ANSWERS: 133. fossil, 134. lung, 135. outdoors, 136. filter, 137. progression, 138. landfill, 139. hack, 140. diesel, 141. deploy, 142. static, 143. triangular

144. city and its vi\_\_\_\_\_ty *n.* the area or region surrounding or in the general vicinity of a particular place or location; a nearby or neighboring region
145. decision-making pr\_\_\_\_\_s *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
146. get a con\_\_\_\_\_nal loan *adj.* based on or following traditional rules, standards, customs, etc.
147. ou\_\_o the competition *v.* to do better than someone; to surpass
148. sleep ou\_\_\_\_\_rs *adv.* in or into the open air; outside a building or structure
149. re\_\_\_\_\_e one word with another *v.* to take the place of something
150. immediate vi\_\_\_\_\_ty *n.* the area or region surrounding or in the general vicinity of a particular place or location; a nearby or neighboring region
151. tra\_\_\_\_\_lly sung at a banquet *adv.* in accordance with tradition; typically or commonly done in a particular way
152. ink ca\_\_\_\_\_ge *n.* a container, usually made of paper, containing a charge or charges of explosive or combustible material used in firearms or pyrotechnics
153. flavored vo\_\_a *n.* a distilled alcoholic beverage made from fermented grains or potatoes, typically with high alcohol content and little or no added flavoring

ANSWERS: 144. vicinity, 145. process, 146. conventional, 147. outdo, 148. outdoors, 149. replace, 150. vicinity, 151. traditionally, 152. cartridge, 153. vodka



154. bacteria on pe\_\_i dishes *n.* (petri dish) a small, clear, and round dish with a lid used in laboratories, especially for growing bacteria
155. vo\_\_a shot *n.* a distilled alcoholic beverage made from fermented grains or potatoes, typically with high alcohol content and little or no added flavoring
156. 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
157. global di\_\_\_\_er *n.* an unexpected event or series of events that cause widespread damage, destruction, or loss of life
158. ca\_\_\_\_\_ge chamber *n.* a container, usually made of paper, containing a charge or charges of explosive or combustible material used in firearms or pyrotechnics
159. d\_\_p hazardous waste *v.* to deposit or dispose of something, such as trash, waste, etc., carelessly or hurriedly
160. cl\_\_m responsibility *v.* to assert that something is true; to demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or something that one believes to be true
161. ca\_\_\_\_\_e a glimpse *v.* to catch a person or an animal and confine them in an area which they cannot escape

ANSWERS: 154. petri, 155. vodka, 156. brand, 157. disaster, 158. cartridge, 159. dump, 160. claim, 161. capture

162. cel\_\_\_\_\_ed paper *adj.* renowned for possessing admirable attributes
163. industry-sp\_\_\_\_\_ic regulations *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
164. ca\_\_\_\_r research *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells

ANSWERS: 162. celebrated, 163. specific, 164. cancer

## Session 3: Fill in the Blanks

1. Did this response \_\_\_\_\_ your request?  
*v.* to make somebody pleased by giving them what they want or need
2. Police will \_\_\_\_\_ random breath testing for drunk driving.  
*v.* to organize and carry out a particular activity
3. The flying car is presently in the \_\_\_\_\_ stage.  
*n.* a first or preliminary example of something such as a device or vehicle from which other forms are developed
4. 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
5. I need to choose a \_\_\_\_\_ of paint to match my new couch.  
*n.* a small sample or piece taken from a larger whole, often used for testing or comparison; a range of samples or colors used to demonstrate or promote a product or brand
6. The use of cluster \_\_\_\_\_ is strictly prohibited by international law.  
*n.* a weapon that explodes and is used to kill or injure people or to cause damage to something
7. \_\_\_\_\_ the ceremony was held outdoors.  
*adv.* in accordance with tradition; typically or commonly done in a particular way
8. There are five distinct \_\_\_\_\_ at five unique wavelengths.  
*n.* the act of production or sending out gas, heat, light, etc.

ANSWERS: 1. satisfy, 2. conduct, 3. prototype, 4. decide, 5. swatch, 6. bombs, 7. Traditionally, 8. emissions

9. Nearly all tractors operate on \_\_\_\_\_ fuel.  
*n.* a type of heavy oil used as fuel; a vehicle or engine that uses diesel fuel
10. The Prime Minister will pay a courtesy visit to the Nobel laureate's \_\_\_\_\_.  
*n.* a workplace for the conduct of scientific research; a laboratory
11. He tried to \_\_\_\_\_ his rival by breaking the world record.  
*v.* to do better than someone; to surpass
12. The animal rights group worked to \_\_\_\_\_ the dolphins back into the wild.  
*v.* to set free or allow to escape from confinement
13. Governments \_\_\_\_\_ their citizens to buy eco-friendly products through subsidies.  
*v.* to make someone want to do in a particular way by offering them a reward
14. It was the \_\_\_\_\_ of a dinosaur tooth.  
*n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
15. This country \_\_\_\_\_ its weapons in the east region.  
*v.* to move troops or weapons into a position or military action; to bring into something in an effective way
16. The scientist found \_\_\_\_\_ traces of the chemical in the water sample.  
*adj.* relating to or constituting a remainder or leftover portion; remaining after other elements or factors have been removed or taken into account
17. Scientific knowledge will \_\_\_\_\_ significantly with the power of AI.  
*v.* to go or move forward; to develop in a positive way

ANSWERS: 9. diesel, 10. lab, 11. outdo, 12. release, 13. incentivize, 14. fossil, 15. deployed, 16. residual, 17. advance

18. Four companies were amalgamated into a single \_\_\_\_\_.
- n.* a large company or group of companies that are controlled together by law as a single unit
19. The policies he announces can be the \_\_\_\_\_ of economic growth in the country.
- n.* a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose
20. The \_\_\_\_\_ for applying for a visa can be lengthy and complicated.
- n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
21. Breast \_\_\_\_\_ is the most common type of cancer in women.
- n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells
22. Videos documenting the process of creating this pencil \_\_\_\_\_ have been popular worldwide.
- n.* the pieces of art, such as pictures and photographs used in books, magazines, etc.
23. The busy street was filled with \_\_\_\_\_ hurrying to their destinations.
- n.* people who are walking past a particular place often used to refer to a group of people or an undefined number of individuals
24. The \_\_\_\_\_ image on the screen took a lot of work to make out.
- adj.* not moving or not capable of moving, not changing or not capable of changing

ANSWERS: 18. corporation, 19. engine, 20. process, 21. cancer, 22. artwork, 23. passersby, 24. static

25. \_\_\_\_\_ doctors recommend getting at least 8 hours of sleep per night for optimal health.  
*adv.* in a way that follows accepted customs, rules, or standards; in a way that is typical or traditional
26. His class will cover an introduction to agricultural \_\_\_\_\_.  
*n.* the branch of social science that deals with the production, consumption, and transfer of goods and services
27. We have to \_\_\_\_\_ our company's product lineup for further growth.  
*v.* to consider again a plan, idea, etc., especially to change it
28. If both countries \_\_\_\_\_ to nuclear deterrence, the consequence could be mutual destruction.  
*n.* a place where many people go for rest, sport, or another stated purpose; (verb) to turn to or take a course of action, especially an extreme or undesirable one, to resolve a difficult circumstance
29. The disease is highly \_\_\_\_\_ and spreads quickly.  
*adj.* able to be passed on to others through contact or proximity, especially by infection or disease
30. I need a new printer \_\_\_\_\_ because my old one has run out of ink.  
*n.* a container, usually made of paper, containing a charge or charges of explosive or combustible material used in firearms or pyrotechnics
31. He found my English sentences are \_\_\_\_\_.  
*adj.* not in accordance with fact or truth or not accurate
32. The scientist conducted a study that provided \_\_\_\_\_ details about the species' behavior.  
*adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

ANSWERS: 25. Conventionally, 26. economics, 27. rethink, 28. resort, 29. contagious, 30. cartridge, 31. incorrect, 32. specific

33. Three \_\_\_\_\_ tenors performed during the president's inauguration.

*adj.* renowned for possessing admirable attributes

34. The company \_\_\_\_\_ him after several years of service.

*v.* to deposit or dispose of something, such as trash, waste, etc., carelessly or hurriedly

35. The angry customer began to \_\_\_\_\_ when their order was delayed.

*v.* to emit gas, smoke, vapor, or a strong, unpleasant odor; to show anger, irritation, or annoyance in a visible way; (noun) gas or vapor that is emitted from a substance, usually as a result of heating or combustion

36. The \_\_\_\_\_ shape of the pyramid was an important architectural feature.

*adj.* having three angles or sides; forming or shaped like a triangle (= a three-sided polygon)

37. Ozone is a primary \_\_\_\_\_ to protect Earth's surface from harmful UV rays.

*n.* any of several types of equipment or systems used to separate particles from liquids or gases or to remove specific forms of light

38. The long \_\_\_\_\_ to the air tarnished the antique tableware.

*n.* the state of being in a particular situation or place where there is no protection from or guarantee to something harmful; the disclosure of something secret

39. This country faces problems in finding enough suitable \_\_\_\_\_ sites.

*n.* a site for the disposal of waste materials

40. He is the \_\_\_\_\_ and chairman of this tech company.

*n.* one of several people who establishes an organization or starts a business

ANSWERS: 33. celebrated, 34. dumped, 35. fume, 36. triangular, 37. filter, 38. exposure, 39. landfill, 40. cofounder

41. \_\_\_\_\_ technologies have dramatically improved productivity in various industries.

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

42. We largely \_\_\_\_\_ the circuit board of cell phones because they contain a lot of valuable metals.

*v.* to sort and collect things to process them and produce valuable materials that can be used again

43. He has only a \_\_\_\_\_ knowledge of this topic.

*adj.* relating to basic facts or principles; fundamental

44. He always had to carry an inhaler due to his severe \_\_\_\_\_.

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

45. We should do our best not to \_\_\_\_\_ the environment.

*v.* to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals

46. We can calculate the position of the \_\_\_\_\_ statistically.

*n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance

47. I ordered a \_\_\_\_\_ tonic at the bar.

*n.* a distilled alcoholic beverage made from fermented grains or potatoes, typically with high alcohol content and little or no added flavoring

48. They watched the train \_\_\_\_\_ into the distance.

*v.* to cease to exist or be visible

ANSWERS: 41. Emerging, 42. recycle, 43. rudimentary, 44. asthma, 45. pollute, 46. particles, 47. vodka, 48. disappear



49. Smoke from forest fires is causing an increase in \_\_\_\_\_ matter in the air.  
*adj.* consisting of small particles, especially those that are suspended in a fluid or air
50. His \_\_\_\_\_ showed highly positive results.  
*n.* the scientific test conducted to observe what happens and gain new knowledge
51. Glass \_\_\_\_\_ dishes are used to culture microorganisms.  
*n.* (petri dish) a small, clear, and round dish with a lid used in laboratories, especially for growing bacteria
52. 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
53. This trail takes \_\_\_\_\_ 2.5 hours.  
*adv.* close to a specific number or time but not exactly that number or time
54. The \_\_\_\_\_ scarcity most severely impacted the manufacturing sector  
*n.* a substance that is typically burned to generate heat or energy
55. He parked his car in the private \_\_\_\_\_.  
*n.* a building or part of a building used to store a vehicle or vehicles, typically a car
56. Eventually, the new design will \_\_\_\_\_ all older models.  
*v.* to take the place of something
57. 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

ANSWERS: 49. particulate, 50. experiments, 51. petri, 52. carbon, 53. approximately, 54. fuel, 55. garage, 56. replace, 57. progression

58. This evidence will form the \_\_\_\_\_ for our discussion.

- n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged

59. This blog offers a variety of tips for \_\_\_\_\_ everyday life.

- v.* to hit and cut somebody or something roughly and violently; to find a bug in a computer program and break into their systems or networks

60. He has terminal \_\_\_\_\_ cancer.

- n.* either of the two organs in the chest that people and some animals use for breathing

61. The nations of South East Asia will quickly \_\_\_\_\_ and catch up with the West.

- v.* to organize the production of something into an industry

62. He was exhausted and \_\_\_\_\_ into bed as soon as he got home.

- v.* to move in a particular direction by turning over and over or from side to side

63. Necessity is the mother of \_\_\_\_\_.

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

64. The \_\_\_\_\_ is endangering the local plants and animals.

- n.* the introduction of harmful substances or waste into the natural environment that causes adverse change

65. The \_\_\_\_\_ of wood produces charcoal, which can be used as a fuel source.

- n.* a chemical reaction that occurs with the application of heat, resulting in the breakdown of material into smaller chemical components or constituents, often involving the release of gases or liquid byproducts

ANSWERS: 58. basis, 59. hacking, 60. lung, 61. industrialize, 62. rolled, 63. invention, 64. pollution, 65. pyrolysis

66. The factory's \_\_\_\_\_ fumes polluted the air and affected the health of the nearby residents.

- n.* the system in a vehicle that removes waste gases from the engine; (verb) to make someone completely tired

67. 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

68. I was able to \_\_\_\_\_ the moment on film.

- v.* to catch a person or an animal and confine them in an area which they cannot escape

69. You can remove \_\_\_\_\_ messages with special software.

- n.* unwanted email, usually of advertising material sent out in bulk

70. \_\_\_\_\_ is the day to celebrate the birth of Christ.

- n.* the man that Christians believe is the prophet and the son of God, and whose life and sermons form the basis for Christianity

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

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

72. The cream needs to be \_\_\_\_\_ for several minutes before it becomes butter.

- v.* to stir or agitate a liquid, substance, or mixture vigorously to produce foam or because of violent movement; to cause a large number of people to move or leave; to produce something, such as money, through continuous activity or turnover

ANSWERS: 66. exhaust, 67. brand, 68. capture, 69. spam, 70. Christmas, 71. slightly, 72. churned

73. She loves to hike \_\_\_\_\_ and explore nature.

*adv.* in or into the open air; outside a building or structure

74. She is very \_\_\_\_\_ in her thoughts.

*adj.* based on or following traditional rules, standards, customs, etc.

75. 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

76. The inventor created a \_\_\_\_\_ that could turn salt water into drinking water.

*n.* a machine or device that is made up of a combination of interconnected parts and often appears complicated or unusual

77. The \_\_\_\_\_ response team worked around the clock to aid those affected by the earthquake.

*n.* an unexpected event or series of events that cause widespread damage, destruction, or loss of life

78. The area in the \_\_\_\_\_ of the mall is known for its heavy traffic congestion.

*n.* the area or region surrounding or in the general vicinity of a particular place or location; a nearby or neighboring region

79. He wants to \_\_\_\_\_ ownership of the abandoned property.

*v.* to assert that something is true; to demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or something that one believes to be true

ANSWERS: 73. outdoors, 74. conventional, 75. stick, 76. contraption, 77. disaster, 78. vicinity, 79. claim

80. The fire left a layer of \_\_\_\_\_ on everything in the room.

- n.* a black, powdery substance that is produced by the incomplete burning of a material such as coal, wood, or oil and is often found on surfaces near the source of the fire

81. The \_\_\_\_\_ will repair my telephone tomorrow morning.

- n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software

82. This company's \_\_\_\_\_ plant is an enormous facility.

- n.* a group of people who have been elected, especially one that meets regularly and makes decisions or laws for a specific region or country

ANSWERS: 80. soot, 81. engineer, 82. assembly