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Vocabulary Builder Reference from...

Peter van Manen: Better baby care -- thanks to
Formula 1 | TED Talk

https://www.ted.com/talks/peter_van_manen_better_baby_care_thanks_to_formula_1

All Words

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Session 1: Word List

motor

n. a device that converts electricity, fuel, etc. into movement and makes a machine, vehicle, etc. work

synonym: actuator, engine, machine

(1) a **motor** mechanic, (2) DC **motor** control

Energy-efficient **motors** are needed to maximize the cruising distance of electric vehicles.

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.

chassis

n. the framework and mechanical parts of a vehicle or machine

synonym: frame, skeleton, structure

(1) **chassis** design, (2) **chassis** frame

The **chassis** of the car is made of steel.

component

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

synonym: element, part, factor

(1) key **component**, (2) spare **components** for cars
The researchers try to discover a common **component** in all types of successful organizations.

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.

electronics

n. the branch of physics and technology that deals with the behavior and control of electrons and the use of electronic devices and systems

synonym: technology, gadgets, circuitry

(1) **electronics** industry, (2) **electronics** store

The company specializes in manufacturing and selling cutting-edge **electronics**.

formula

n. a group of symbols, letters, or numbers that represent a rule, law, or mathematical statement

synonym: expression, recipe, procedure

(1) structural **formula**, (2) a binomial **formula**

The teacher told the students to memorize the math **formula**.

parameter

n. a numerical or other measurable factors that characterize a system or set of data

synonym: factor, variable, characteristic

(1) **parameter** estimation, (2) **parameter** tuning

The temperature range was one of the critical **parameters** we had to consider when designing the experiment.

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**.

telemetry

n. the process of collecting and transmitting data from remote or inaccessible sources using wireless or other communication means, usually for monitoring or control purposes

synonym : data transmission, remote measurement

(1) **telemetry** technology, (2) **telemetry** system

The satellite sends **telemetry** data back to Earth to help scientists study the atmosphere.

lifetime

n. the duration of someone's life or something's existence;

synonym : lifespan, duration

(1) **lifetime** benefits, (2) **lifetime** ban from the sport

She had lived through two world wars in her **lifetime**.

tire

v. to become weary or fatigued, often due to physical or mental exertion; to cause someone to feel weary or fatigued; (noun) a rubber covering that is placed around the rim of a wheel, which provides traction and absorbs shock while driving

synonym : exhaust, weary, fatigue

(1) **tire** my patience, (2) **tire** pressure

I need to **tire** out my dog with a long walk so that he will sleep through the night.

degrade

v. to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others

synonym : demean, disgrace, impair

(1) **degrade** his public image, (2) **degrade** environmental quality

You should not **degrade** yourself by allowing them to use you.

- 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
- consumption** *n.* the amount used or eaten; the act of using up a resource such as energy, food, or materials
synonym: usage, uptake, utilization
(1) average fuel **consumption**, (2) the **consumption** of food
In our country, water **consumption** usually decreases during the winter.
- patient** *n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
synonym: client, recipient, subject
(1) **patient** in the hospital, (2) **patient** with weight loss
The doctor carefully examined the **patient's** medical history.
- catastrophic** *adj.* extremely harmful; causing physical or financial destruction
synonym: fatal, disastrous, destructive
(1) victim of **catastrophic** injuries, (2) **catastrophic** climate change
The extinction rate of aquatic animals was **catastrophic**.
- cardiac** *adj.* of or relating to the heart or heart disease
(1) **cardiac** arrest, (2) **cardiac** disease
The **cardiac** output of a resting adult is around three quarts per minute.
- arrest** *v.* to take into custody
synonym: capture, detain, imprison

(1) **arrest** the thief, (2) **arrest** the progress
A police officer has the authority to **arrest** a criminal.

deem

v. to consider or decide something in a particular way
synonym: believe, consider, suppose

(1) **deem** socially responsible, (2) **deem** wrong or inappropriate

Regarding earthquakes, some commercial buildings were **deemed** unsafe.

unpredictable

adj. not capable of being foreseen or calculated; not regular or certain

synonym: uncertain, variable, random

(1) dangerously **unpredictable** person, (2) **unpredictable** outcome

The weather in this region is often **unpredictable**, with sudden rainstorms and strong winds.

fuzzy

adj. having a soft and indistinct outline or covered with fine, soft, and hairlike fibers

synonym: hazy, blurry, indistinct

(1) **fuzzy** logic, (2) **fuzzy** memory

The picture was **fuzzy** because it was taken with an old camera.

undetected

adj. not perceived or discovered

synonym: undiscovered, hidden, concealed

(1) **undetected** cancer, (2) leave the house **undetected**

Doctors made mistakes, and diseases remained **undetected**.

norm

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

synonym: criterion, mean, standard

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

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

threshold

n. the floor or ground that forms the bottom of a doorway and offers support when passing through a doorway; the smallest detectable sensation

synonym : anteroom, brink, verge

(1) the **threshold** between rooms, (2) high pain **threshold**
She's on the **threshold** of adulthood.

predictable

adj. capable of being known, seen or declared in advance

synonym : foreseeable, expectable, likely

(1) **predictable** pattern, (2) in a **predictable** manner
The economy becomes more volatile and less **predictable**.

pulse

n. the regular heartbeat as it sends blood around the body, especially when it is felt at the wrist or side of the neck; a solid regular vibration of sound, electric current, light, or other waves

synonym : beat, vibration, throb

(1) a weak **pulse**, (2) **pulse** waves

The cardiac monitor displays the intensity of your **pulse**.

oxygen

n. the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live

(1) the hydrogen binds the **oxygen**, (2) lack of **oxygen**

The passenger grabbed for the **oxygen** mask.

respiration

n. the process of inhaling and exhaling air to exchange oxygen and carbon dioxide with the environment; the total of the physiological processes by which living organisms metabolize oxygen and release carbon dioxide

synonym : breathing, ventilation

(1) **respiration** rate, (2) artificial **respiration**

The doctor carefully monitored the patient's **respiration** during the surgery.

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.

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.

deteriorate

v. to become worse in quality; to decline or degenerate

synonym : decline, degenerate, regress

(1) **deteriorate** at a slow pace, (2) **deteriorate** condition

The patient's health **deteriorated** rapidly after being diagnosed with the disease.

install

v. to fix furniture, a machine, or a piece of equipment into position so that it can be used; put into an office or a position

synonym : establish, inaugurate, lodge

(1) **install** a door, (2) **install** a chairperson

The new president was **installed** immediately after the national election.

stream

n. a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc.

synonym : flow, current, brook

(1) the **stream** of time, (2) an endless **stream** of cars

Jet **streams** are the common name for air currents that form high in the atmosphere.

instrument

n. an object used to make musical sounds, such as a piano, guitar, or drum; a tool or device used for a specific activity, particularly in specialist or scientific

work

synonym : apparatus, tool, device

(1) musical **instruments**, (2) surgical **instruments**

This electronic **instrument** is required to undergo periodic inspections to ensure precision.

pediatrics

n. the branch of medicine that deals with the care and treatment of children

synonym : pedology, child health

(1) **pediatrics** department, (2) **pediatrics** clinic

I am studying **pediatrics** in medical school because I love working with children.

intensive

adj. involving a lot of work or activity in a short time

synonym : thorough, comprehensive, in-depth

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

The construction industry is labor **intensive**, although it has been somewhat automated by introducing large machinery.

tease

v. to make fun of someone or make jokes about them, either in a playful way or to upset them; to separate the fibers of something; to ruffle a person's or animal's hair by combing

synonym : bully, annoy, provoke

(1) **tease** the children, (2) **tease** wool

This ad is intended to **tease** a competing product.

determinant

n. a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

synonym : cause, factor, element

(1) environmental **determinant**, (2) a **determinant** of crop yields

One **determinant** of success is having a positive attitude and a strong work ethic.

ambitious

adj. having a great desire to attain achievement, power, or wealth

synonym : enterprising, challenging, earnest

(1) achieve **ambitious** goals, (2) with an **ambitious** eye
Their company has been in business for a short time but has **ambitious** goals.

audacious

adj. showing a willingness to take bold risks or to do something that is considered unconventional or daring; marked by originality, creativity, or boldness

synonym : bold, daring, fearless

(1) **audacious** stunt, (2) **audacious** decision
The young entrepreneur had an **audacious** plan to start his own company.

arrogant

adj. having or revealing an exaggerated sense of one's importance or abilities

synonym : haughty, supercilious, disdainful

(1) an **arrogant** attitude, (2) grow **arrogant**
He was so **arrogant** that he thought he was always right.

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.

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.

ambulance

n. a vehicle specifically designed and equipped to transport sick or injured people to and from hospitals and other medical facilities

(1) dispatch an **ambulance**, (2) **ambulance** service

The **ambulance** crew quickly stabilized the patient before transporting them to the hospital.

telephony

n. the technology or operation of telecommunication; the transmission of sound and information over long distances using telephone or other telecommunication devices

synonym: telecommunication, phone system

(1) **telephony** services, (2) digital **telephony**

The **telephony** industry constantly innovates to keep up with new technologies and changing customer needs.

wiggle

v. to move or cause to move up and down or from side to side in short and quick movements

synonym: wiggle, jiggle, squirm

(1) **wiggle** her lips, (2) **wiggle** with excitement

Her hips **wiggle** as she walks.

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.

automated

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

synonym: computerized, mechanical, laborsaving

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

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

warn

v. to make someone aware of potential danger or difficulty, particularly one that may occur in the future

synonym: alert, caution, admonish

(1) **warn** a reckless driver, (2) **warned** me of the plan

I attempted to **warn** him, but he ignored me.

distress

n. a feeling of great worry, sadness, pain, or discomfort
synonym : discomfort, despair, misery

(1) a signal of **distress**, (2) emotional **distress**

She has been in great **distress** since she was heartbroken.

indication

n. a sign or remark that something exists, is real, or is likely to occur

synonym : clue, hint, inkling

(1) **indication** of inflation, (2) environmental **indication**

Faces are a good **indication** of age.

immediately

adv. now or without delay

synonym : directly, instantly, promptly

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

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

clinical

adj. of or relating to the examination and treatment of patients rather than theoretical or laboratory studies

synonym : dispassionate, analytic, scientific

(1) **clinical** surgery, (2) participate in **clinical** trials

She received special **clinical** training at the hospital.

interpretation

n. an explanation or opinion of something, especially that is not immediately obvious

synonym : rendering, explanation, understanding

(1) the **interpretation** of history, (2) open to **interpretation**

His **interpretations** of literary works are often unique.

plot

n. a secret plan or scheme to achieve a specific goal; the plan or main story of a literary work; (verb) to plan secretly, usually something illegal

synonym : scheme, plan, design

(1) **plot** twist, (2) **plot** a revolution

The **plot** of the novel centers around a group of friends who uncover a conspiracy to control the world's water supply.

blob

n. a small amount or drop of a thick liquid or sticky substance

synonym: chunk, lump, hunk

(1) a big **blob** of yellow, (2) a **blob** of jelly

A **blob** of ink fell on the floor.

rocket

n. a large tube-shaped object that moves very fast by a stream of gases let out behind it, used for space travel or as a weapon

synonym: projectile, missile

(1) **rocket** attack against the enemy, (2) **rocket** fuel

The **rocket** launch platform is visible from this hill.

display

v. to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value

synonym: show, exhibit, present

(1) **display** merchandise, (2) **display** artwork

We need to **display** our products in an attractive way to attract customers.

amplify

v. to enhance something, particularly sound or brightness

synonym: intensify, boost, argument

(1) **amplify** a signal, (2) **amplify** the effect

You might need to **amplify** this point.

cue

n. a signal, gesture, or action that provides information or direction for someone else to act or respond; a reminder or prompt for someone to do something

synonym: signal, sign, hint

(1) **cue** card, (2) visual **cue**

The director gave the actor a **cue** to begin the scene.

nurse

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

synonym: healthcare worker, caregiver, medic

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

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

rely

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

synonym: depend, count, lean

(1) **rely** on convenience stores, (2) **rely** entirely on him

Babies heavily **rely** on others for food.

brake

n. a device used to slow or stop a moving vehicle, typically by applying pressure to the wheels

synonym: damper, restraint, check

(1) apply the **brake**, (2) **brake** pedal

The results of that election put a **brake** on political reform.

physician

n. a medical doctor who practices medicine

synonym: doctor, practitioner, medic

(1) the advice of the **physician**, (2) consult with a **physician**

She visited the local **physician** to seek treatment for her persistent headache.

wireless

adj. of or relating a connection or communication that does not require a physical wire or cable, often through the use of radio waves or electromagnetic signals

synonym: cordless, radio

(1) **wireless** access, (2) **wireless** charging

The office's **wireless** network allows employees to work from anywhere in the building.

Session 2: Spelling

- | | |
|-----------------------------------|--|
| 1. a det_____nt of crop yields | <i>n.</i> a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result |
| 2. the hydrogen binds the ox___n | <i>n.</i> the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live |
| 3. write him an answer imm_____ly | <i>adv.</i> now or without delay |
| 4. environmental ind_____on | <i>n.</i> a sign or remark that something exists, is real, or is likely to occur |
| 5. leave the house und_____ed | <i>adj.</i> not perceived or discovered |
| 6. mo_____r the data carefully | <i>v.</i> to observe, check, and track the progress or quality of something over a period of time |
| 7. ch_____s design | <i>n.</i> the framework and mechanical parts of a vehicle or machine |
| 8. te__e wool | <i>v.</i> to make fun of someone or make jokes about them, either in a playful way or to upset them; to separate the fibers of something; to ruffle a person's or animal's hair by combing |
| 9. de___t a bad event | <i>v.</i> to find or recognize something, especially something difficult to see, hear, etc. |
| 10. consult with a ph_____an | <i>n.</i> a medical doctor who practices medicine |

ANSWERS: 1. determinant, 2. oxygen, 3. immediately, 4. indication, 5. undetected, 6. monitor, 7. chassis, 8. tease, 9. detect, 10. physician

11. det _____te at a slow pace v. to become worse in quality; to decline or degenerate
12. und _____ed cancer *adj.* not perceived or discovered
13. de ___e a question v. to make up someone's mind about something; to come to a conclusion or judgment after considering options
14. in a pre _____le manner *adj.* capable of being known, seen or declared in advance
15. with an am _____us eye *adj.* having a great desire to attain achievement, power, or wealth
16. au _____ed way *adj.* carried out by machines or computers to replace or decrease human labor
17. ar ___t the progress v. to take into custody
18. wi ___e with excitement v. to move or cause to move up and down or from side to side in short and quick movements
19. ar ___t the thief v. to take into custody
20. di _____y merchandise v. to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value
21. in _____ve agriculture *adj.* involving a lot of work or activity in a short time
22. au _____us decision *adj.* showing a willingness to take bold risks or to do something that is considered unconventional or daring; marked by originality, creativity, or boldness
23. musical ins _____nts *n.* an object used to make musical sounds, such as a piano, guitar, or drum; a tool or device used for a specific activity, particularly in specialist or scientific work

ANSWERS: 11. deteriorate, 12. undetected, 13. decide, 14. predictable, 15. ambitious, 16. automated, 17. arrest, 18. wiggle, 19. arrest, 20. display, 21. intensive, 22. audacious, 23. instrument

24. wi___e her lips *v.* to move or cause to move up and down or from side to side in short and quick movements
25. spare co_____nts for cars *n.* one of several parts that combines with others to form something bigger
26. au_____ed manual transmission *adj.* carried out by machines or computers to replace or decrease human labor
27. surgical ins_____nts *n.* an object used to make musical sounds, such as a piano, guitar, or drum; a tool or device used for a specific activity, particularly in specialist or scientific work
28. an endless st___m of cars *n.* a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc.
29. an ar_____nt attitude *adj.* having or revealing an exaggerated sense of one's importance or abilities
30. in_____ve care *adj.* involving a lot of work or activity in a short time
31. ele_____cs industry *n.* the branch of physics and technology that deals with the behavior and control of electrons and the use of electronic devices and systems
32. pre_____le pattern *adj.* capable of being known, seen or declared in advance
33. au_____us stunt *adj.* showing a willingness to take bold risks or to do something that is considered unconventional or daring; marked by originality, creativity, or boldness

ANSWERS: 24. wiggle, 25. component, 26. automated, 27. instrument, 28. stream, 29. arrogant, 30. intensive, 31. electronics, 32. predictable, 33. audacious

34. p__t a revolution *n.* a secret plan or scheme to achieve a specific goal; the plan or main story of a literary work; (verb) to plan secretly, usually something illegal
35. res_____on rate *n.* the process of inhaling and exhaling air to exchange oxygen and carbon dioxide with the environment; the total of the physiological processes by which living organisms metabolize oxygen and release carbon dioxide
36. det_____te condition *v.* to become worse in quality; to decline or degenerate
37. unp_____ble outcome *adj.* not capable of being foreseen or calculated; not regular or certain
38. a volunteer nu__e *n.* a healthcare professional who is trained to provide care for the sick or injured; (verb) to try to cure by special care or treatment of an illness or injury
39. dangerously unp_____ble person *adj.* not capable of being foreseen or calculated; not regular or certain
40. artificial res_____on *n.* the process of inhaling and exhaling air to exchange oxygen and carbon dioxide with the environment; the total of the physiological processes by which living organisms metabolize oxygen and release carbon dioxide
41. key co_____nt *n.* one of several parts that combines with others to form something bigger
42. the th_____ld between rooms *n.* the floor or ground that forms the bottom of a doorway and offers support when passing through a doorway; the smallest detectable sensation

ANSWERS: 34. plot, 35. respiration, 36. deteriorate, 37. unpredictable, 38. nurse, 39. unpredictable, 40. respiration, 41. component, 42. threshold

43. the con_____on of food *n.* the amount used or eaten; the act of using up a resource such as energy, food, or materials
44. the st___m of time *n.* a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc.
45. am_____y the effect *v.* to enhance something, particularly sound or brightness
46. a binomial fo_____a *n.* a group of symbols, letters, or numbers that represent a rule, law, or mathematical statement
47. de_____e his public image *v.* to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others
48. digital te_____ny *n.* the technology or operation of telecommunication; the transmission of sound and information over long distances using telephone or other telecommunication devices
49. smokeless f__l *n.* a substance that is typically burned to generate heat or energy
50. pa_____t in the hospital *n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
51. cultural n__m *n.* something that is regarded as usual, typical, or standard

ANSWERS: 43. consumption, 44. stream, 45. amplify, 46. formula, 47. degrade, 48. telephony, 49. fuel, 50. patient, 51. norm

52. tr_____rt facilities *n.* a system for moving people or products from one location to another using automobiles, roads, and so on
53. de_____e environmental quality *v.* to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others
54. in_____l a chairperson *v.* to fix furniture, a machine, or a piece of equipment into position so that it can be used; put into an office or a position
55. a mo____r mechanic *n.* a device that converts electricity, fuel, etc. into movement and makes a machine, vehicle, etc. work
56. fu__y logic *adj.* having a soft and indistinct outline or covered with fine, soft, and hairlike fibers
57. a weak pu__e *n.* the regular heartbeat as it sends blood around the body, especially when it is felt at the wrist or side of the neck; a solid regular vibration of sound, electric current, light, or other waves
58. am_____ce service *n.* a vehicle specifically designed and equipped to transport sick or injured people to and from hospitals and other medical facilities
59. te_____ry system *n.* the process of collecting and transmitting data from remote or inaccessible sources using wireless or other communication means, usually for monitoring or control purposes

ANSWERS: 52. transport, 53. degrade, 54. install, 55. motor, 56. fuzzy, 57. pulse, 58. ambulance, 59. telemetry

60. te_____ny services *n.* the technology or operation of telecommunication; the transmission of sound and information over long distances using telephone or other telecommunication devices
61. biomass f__l *n.* a substance that is typically burned to generate heat or energy
62. lack of ox___n *n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
63. r__y entirely on him *v.* to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.
64. high pain th_____ld *n.* the floor or ground that forms the bottom of a doorway and offers support when passing through a doorway; the smallest detectable sensation
65. visual c_e *n.* a signal, gesture, or action that provides information or direction for someone else to act or respond; a reminder or prompt for someone to do something
66. cat_____hic climate change *adj.* extremely harmful; causing physical or financial destruction
67. wi_____ss access *adj.* of or relating a connection or communication that does not require a physical wire or cable, often through the use of radio waves or electromagnetic signals

ANSWERS: 60. telephony, 61. fuel, 62. oxygen, 63. rely, 64. threshold, 65. cue, 66. catastrophic, 67. wireless

68. average fuel con_____on *n.* the amount used or eaten; the act of using up a resource such as energy, food, or materials
69. DC mo__r control *n.* a device that converts electricity, fuel, etc. into movement and makes a machine, vehicle, etc. work
70. a big b__b of yellow *n.* a small amount or drop of a thick liquid or sticky substance
71. a b__b of jelly *n.* a small amount or drop of a thick liquid or sticky substance
72. in_____l a door *v.* to fix furniture, a machine, or a piece of equipment into position so that it can be used; put into an office or a position
73. cl_____al surgery *adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
74. 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
75. li_____me benefits *n.* the duration of someone's life or something's existence;
76. the advice of the ph_____an *n.* a medical doctor who practices medicine
77. mo_____r an exam *v.* to observe, check, and track the progress or quality of something over a period of time
78. become increasingly com_____ed *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze

ANSWERS: 68. consumption, 69. motor, 70. blob, 71. blob, 72. install, 73. clinical, 74. decide, 75. lifetime, 76. physician, 77. monitor, 78. complicated

79. di____y artwork *v.* to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value
80. p__t twist *n.* a secret plan or scheme to achieve a specific goal; the plan or main story of a literary work; (verb) to plan secretly, usually something illegal
81. electrical ga___e door *n.* a building or part of a building used to store a vehicle or vehicles, typically a car
82. grow ar____nt *adj.* having or revealing an exaggerated sense of one's importance or abilities
83. participate in cl____al trials *adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
84. pa_____er estimation *n.* a numerical or other measurable factors that characterize a system or set of data
85. a com_____ed process *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
86. the int_____ion of history *n.* an explanation or opinion of something, especially that is not immediately obvious
87. c_e card *n.* a signal, gesture, or action that provides information or direction for someone else to act or respond; a reminder or prompt for someone to do something
88. ro___t fuel *n.* a large tube-shaped object that moves very fast by a stream of gases let out behind it, used for space travel or as a weapon

ANSWERS: 79. display, 80. plot, 81. garage, 82. arrogant, 83. clinical, 84. parameter, 85. complicated, 86. interpretation, 87. cue, 88. rocket

89. pu__e waves *n.* the regular heartbeat as it sends blood around the body, especially when it is felt at the wrist or side of the neck; a solid regular vibration of sound, electric current, light, or other waves
90. w__n a reckless driver *v.* to make someone aware of potential danger or difficulty, particularly one that may occur in the future
91. ch____s frame *n.* the framework and mechanical parts of a vehicle or machine
92. sp____ic instructions *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
93. nu__e practitioner *n.* a healthcare professional who is trained to provide care for the sick or injured; (verb) to try to cure by special care or treatment of an illness or injury
94. ele____cs store *n.* the branch of physics and technology that deals with the behavior and control of electrons and the use of electronic devices and systems
95. a signal of di____ss *n.* a feeling of great worry, sadness, pain, or discomfort
96. dispatch an am____ce *n.* a vehicle specifically designed and equipped to transport sick or injured people to and from hospitals and other medical facilities
97. d__m wrong or inappropriate *v.* to consider or decide something in a particular way

ANSWERS: 89. pulse, 90. warn, 91. chassis, 92. specific, 93. nurse, 94. electronics, 95. distress, 96. ambulance, 97. deem

98. apply the br__e *n.* a device used to slow or stop a moving vehicle, typically by applying pressure to the wheels
99. 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
100. t__e pressure *v.* to become weary or fatigued, often due to physical or mental exertion; to cause someone to feel weary or fatigued; (noun) a rubber covering that is placed around the rim of a wheel, which provides traction and absorbs shock while driving
101. ga___e repair *n.* a building or part of a building used to store a vehicle or vehicles, typically a car
102. ped_____cs department *n.* the branch of medicine that deals with the care and treatment of children
103. n__m of action *n.* something that is regarded as usual, typical, or standard
104. d__m socially responsible *v.* to consider or decide something in a particular way
105. t__e my patience *v.* to become weary or fatigued, often due to physical or mental exertion; to cause someone to feel weary or fatigued; (noun) a rubber covering that is placed around the rim of a wheel, which provides traction and absorbs shock while driving

ANSWERS: 98. brake, 99. engine, 100. tire, 101. garage, 102. pediatrics, 103. norm, 104. deem, 105. tire

106. de___t smuggling across borders *v.* to find or recognize something, especially something difficult to see, hear, etc.
107. ro___t attack against the enemy *n.* a large tube-shaped object that moves very first by a stream of gases let out behind it, used for space travel or as a weapon
108. imm_____ly recall a product *adv.* now or without delay
109. victim of cat_____hic injuries *adj.* extremely harmful; causing physical or financial destruction
110. environmental det_____nt *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
111. industry-sp_____ic regulations *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
112. wi_____ss charging *adj.* of or relating a connection or communication that does not require a physical wire or cable, often through the use of radio waves or electromagnetic signals
113. te__e the children *v.* to make fun of someone or make jokes about them, either in a playful way or to upset them; to separate the fibers of something; to ruffle a person's or animal's hair by combing
114. w__ned me of the plan *v.* to make someone aware of potential danger or difficulty, particularly one that may occur in the future

ANSWERS: 106. detect, 107. rocket, 108. immediately, 109. catastrophic, 110. determinant, 111. specific, 112. wireless, 113. tease, 114. warn

115. achieve am_____us goals *adj.* having a great desire to attain achievement, power, or wealth
116. pa_____t with weight loss *n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
117. li_____me ban from the sport *n.* the duration of someone's life or something's existence;
118. am_____y a signal *v.* to enhance something, particularly sound or brightness
119. ind_____on of inflation *n.* a sign or remark that something exists, is real, or is likely to occur
120. open to int_____ion *n.* an explanation or opinion of something, especially that is not immediately obvious
121. te_____ry technology *n.* the process of collecting and transmitting data from remote or inaccessible sources using wireless or other communication means, usually for monitoring or control purposes
122. structural fo_____a *n.* a group of symbols, letters, or numbers that represent a rule, law, or mathematical statement
123. ca_____c arrest *adj.* of or relating to the heart or heart disease
124. br__e pedal *n.* a device used to slow or stop a moving vehicle, typically by applying pressure to the wheels

ANSWERS: 115. ambitious, 116. patient, 117. lifetime, 118. amplify, 119. indication, 120. interpretation, 121. telemetry, 122. formula, 123. cardiac, 124. brake

125. pa_____er tuning *n.* a numerical or other measurable factors that characterize a system or set of data
126. r__y on convenience stores *v.* to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.
127. fu__y memory *adj.* having a soft and indistinct outline or covered with fine, soft, and hairlike fibers
128. access to public tr_____rt *n.* a system for moving people or products from one location to another using automobiles, roads, and so on
129. ped_____cs clinic *n.* the branch of medicine that deals with the care and treatment of children
130. 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
131. emotional di_____ss *n.* a feeling of great worry, sadness, pain, or discomfort
132. ca_____c disease *adj.* of or relating to the heart or heart disease

ANSWERS: 125. parameter, 126. rely, 127. fuzzy, 128. transport, 129. pediatrics, 130. engine, 131. distress, 132. cardiac

Session 3: Fill in the Blanks

1. You should not _____ yourself by allowing them to use you.
 - v. to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others

2. The extinction rate of aquatic animals was _____.
 - adj. extremely harmful; causing physical or financial destruction

3. A suspension order from the court is effective _____.
 - adv. now or without delay

4. She visited the local _____ to seek treatment for her persistent headache.
 - n. a medical doctor who practices medicine

5. The researchers try to discover a common _____ in all types of successful organizations.
 - n. one of several parts that combines with others to form something bigger

6. The _____ crew quickly stabilized the patient before transporting them to the hospital.
 - n. a vehicle specifically designed and equipped to transport sick or injured people to and from hospitals and other medical facilities

7. Babies heavily _____ on others for food.
 - v. to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.

ANSWERS: 1. degrade, 2. catastrophic, 3. immediately, 4. physician, 5. component, 6. ambulance, 7. rely

8. The passenger grabbed for the _____ mask.
- n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
9. The satellite sends _____ data back to Earth to help scientists study the atmosphere.
- n.* the process of collecting and transmitting data from remote or inaccessible sources using wireless or other communication means, usually for monitoring or control purposes
10. The economy becomes more volatile and less _____.
- adj.* capable of being known, seen or declared in advance
11. I attempted to _____ him, but he ignored me.
- v.* to make someone aware of potential danger or difficulty, particularly one that may occur in the future
12. The _____ scarcity most severely impacted the manufacturing sector
- n.* a substance that is typically burned to generate heat or energy
13. This electronic _____ is required to undergo periodic inspections to ensure precision.
- n.* an object used to make musical sounds, such as a piano, guitar, or drum; a tool or device used for a specific activity, particularly in specialist or scientific work
14. The director gave the actor a _____ to begin the scene.
- n.* a signal, gesture, or action that provides information or direction for someone else to act or respond; a reminder or prompt for someone to do something
15. You might need to _____ this point.
- v.* to enhance something, particularly sound or brightness

ANSWERS: 8. oxygen, 9. telemetry, 10. predictable, 11. warn, 12. fuel, 13. instrument, 14. cue, 15. amplify

16. 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
17. We need to _____ our products in an attractive way to attract customers.
v. to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value
18. A police officer has the authority to _____ a criminal.
v. to take into custody
19. Energy-efficient _____ are needed to maximize the cruising distance of electric vehicles.
n. a device that converts electricity, fuel, etc. into movement and makes a machine, vehicle, etc. work
20. He was so _____ that he thought he was always right.
adj. having or revealing an exaggerated sense of one's importance or abilities
21. 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
22. The doctor carefully monitored the patient's _____ during the surgery.
n. the process of inhaling and exhaling air to exchange oxygen and carbon dioxide with the environment; the total of the physiological processes by which living organisms metabolize oxygen and release carbon dioxide
23. Jet _____ are the common name for air currents that form high in the atmosphere.
n. a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc.

ANSWERS: 16. monitor, 17. display, 18. arrest, 19. motors, 20. arrogant, 21. garage, 22. respiration, 23. streams

24. The weather in this region is often _____ with sudden rainstorms and strong winds.
adj. not capable of being foreseen or calculated; not regular or certain
25. She has been in great _____ since she was heartbroken.
n. a feeling of great worry, sadness, pain, or discomfort
26. The cardiac monitor displays the intensity of your _____.
n. the regular heartbeat as it sends blood around the body, especially when it is felt at the wrist or side of the neck; a solid regular vibration of sound, electric current, light, or other waves
27. The patient's health _____ rapidly after being diagnosed with the disease.
v. to become worse in quality; to decline or degenerate
28. One _____ of success is having a positive attitude and a strong work ethic.
n. a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
29. The plant will continue operating through an _____ system 24 hours a day.
adj. carried out by machines or computers to replace or decrease human labor
30. This ad is intended to _____ a competing product.
v. to make fun of someone or make jokes about them, either in a playful way or to upset them; to separate the fibers of something; to ruffle a person's or animal's hair by combing
31. The young entrepreneur had an _____ plan to start his own company.
adj. showing a willingness to take bold risks or to do something that is considered unconventional or daring; marked by originality, creativity, or boldness

ANSWERS: 24. unpredictable, 25. distress, 26. pulse, 27. deteriorated, 28. determinant, 29. automated, 30. tease, 31. audacious

32. The _____ of the novel centers around a group of friends who uncover a conspiracy to control the world's water supply.
- n.* a secret plan or scheme to achieve a specific goal; the plan or main story of a literary work; (verb) to plan secretly, usually something illegal
33. Her hips _____ as she walks.
- v.* to move or cause to move up and down or from side to side in short and quick movements
34. The new president was _____ immediately after the national election.
- v.* to fix furniture, a machine, or a piece of equipment into position so that it can be used; put into an office or a position
35. The _____ launch platform is visible from this hill.
- n.* a large tube-shaped object that moves very fast by a stream of gases let out behind it, used for space travel or as a weapon
36. 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
37. Faces are a good _____ of age.
- n.* a sign or remark that something exists, is real, or is likely to occur
38. 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
39. Regarding earthquakes, some commercial buildings were _____ unsafe.
- v.* to consider or decide something in a particular way

ANSWERS: 32. plot, 33. wiggle, 34. installed, 35. rocket, 36. transportation, 37. indication, 38. specific, 39. deemed

40. She had lived through two world wars in her _____.
- n.* the duration of someone's life or something's existence;
41. I am studying _____ in medical school because I love working with children.
- n.* the branch of medicine that deals with the care and treatment of children
42. She's on the _____ of adulthood.
- n.* the floor or ground that forms the bottom of a doorway and offers support when passing through a doorway; the smallest detectable sensation
43. The _____ output of a resting adult is around three quarts per minute.
- adj.* of or relating to the heart or heart disease
44. The company specializes in manufacturing and selling cutting-edge _____.
- n.* the branch of physics and technology that deals with the behavior and control of electrons and the use of electronic devices and systems
45. The _____ of the car is made of steel.
- n.* the framework and mechanical parts of a vehicle or machine
46. The office's _____ network allows employees to work from anywhere in the building.
- adj.* of or relating a connection or communication that does not require a physical wire or cable, often through the use of radio waves or electromagnetic signals
47. 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

ANSWERS: 40. lifetime, 41. pediatrics, 42. threshold, 43. cardiac, 44. electronics, 45. chassis, 46. wireless, 47. complicated

48. The results of that election put a _____ on political reform.
- n.* a device used to slow or stop a moving vehicle, typically by applying pressure to the wheels
49. 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
50. His _____ of literary works are often unique.
- n.* an explanation or opinion of something, especially that is not immediately obvious
51. In our country, water _____ usually decreases during the winter.
- n.* the amount used or eaten; the act of using up a resource such as energy, food, or materials
52. The temperature range was one of the critical _____ we had to consider when designing the experiment.
- n.* a numerical or other measurable factors that characterize a system or set of data
53. 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
54. I need to _____ out my dog with a long walk so that he will sleep through the night.
- v.* to become weary or fatigued, often due to physical or mental exertion; to cause someone to feel weary or fatigued; (noun) a rubber covering that is placed around the rim of a wheel, which provides traction and absorbs shock while driving

ANSWERS: 48. brake, 49. engine, 50. interpretations, 51. consumption, 52. parameters, 53. decide, 54. tire

55. The _____ industry constantly innovates to keep up with new technologies and changing customer needs.
- n.* the technology or operation of telecommunication; the transmission of sound and information over long distances using telephone or other telecommunication devices
56. A _____ of ink fell on the floor.
- n.* a small amount or drop of a thick liquid or sticky substance
57. The systems we have developed has accepted as industry _____.
- n.* something that is regarded as usual, typical, or standard
58. The night shift _____ checked my vital signs before administering the medication.
- n.* a healthcare professional who is trained to provide care for the sick or injured; (verb) to try to cure by special care or treatment of an illness or injury
59. The doctor carefully examined the _____ medical history.
- n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
60. She received special _____ training at the hospital.
- adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
61. The picture was _____ because it was taken with an old camera.
- adj.* having a soft and indistinct outline or covered with fine, soft, and hairlike fibers
62. The construction industry is labor _____ although it has been somewhat automated by introducing large machinery.
- adj.* involving a lot of work or activity in a short time

ANSWERS: 55. telephony, 56. blob, 57. norms, 58. nurse, 59. patient's, 60. clinical, 61. fuzzy, 62. intensive,

63. Doctors made mistakes, and diseases remained _____.

adj. not perceived or discovered

64. The teacher told the students to memorize the math _____.

n. a group of symbols, letters, or numbers that represent a rule, law, or mathematical statement

65. Their company has been in business for a short time but has _____ goals.

adj. having a great desire to attain achievement, power, or wealth

66. The security camera has _____ four intruders.

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

ANSWERS: 63. undetected, 64. formula, 65. ambitious, 66. detected