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Vocabulary Builder Reference from...

Frederick Balagadde: Bio-lab on a microchip | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

irony

n. the expression of one's meaning by using language that usually signifies the opposite, typically for humorous or rhetorical effect

synonym : sarcasm, cynicism, wit

(1) bitter **irony**, (2) **irony** humor

The **irony** of the situation is that he won the lottery on the day he lost his job.

poorest

adj. having the least wealth or resources

synonym : impecunious, penniless, least

(1) **poorest** of the poor, (2) **poorest** area

The **poorest** countries in the world often have the highest rates of malnutrition.

disease

n. a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems

synonym : illness, ailment, affliction

(1) **disease** prevention, (2) **disease** control

The doctor diagnosed him with a rare **disease** that had no known cure.

burden

n. a duty, responsibility, etc. that is oppressive or worrisome; a load, typically a heavy one that is difficult to carry

synonym : obligation, duty, load

(1) carry a **burden**, (2) **burden** of disease

That car has a low environmental **burden**.

globe

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

synonym : Earth, world, sphere

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

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

proportion

n. a part, share, or amount of something considered in comparative relation to a whole

synonym : ratio, balance, consonance

(1) direct **proportion**, (2) a building of vast **proportions**

He is more concerned about the **proportion** of his body fat than usual because of an upcoming bodybuilding competition.

sub-Saharan

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

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

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

devastating

adj. causing a great deal of destruction or damage

synonym : destructive, annihilative, disastrous

(1) have **devastating** effects, (2) treat this **devastating** disease

This typhoon was the most **devastating** in years.

epidemic

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

synonym : outbreak, contagion, plague

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

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

capability

n. the ability, skill, or competence to do something; the potential or aptitude for a particular task or function

synonym: ability, capacity, competence

(1) **capability** assessment, (2) technological **capability**

The company's pricing strategy limits its **capability** to compete with other businesses in the market.

frank

adj. honest and sincere; open and candid in expression

synonym: candid, direct, freehearted

(1) **frank** and open discussion, (2) make a **frank** apology

Full involvement means **frank** and prompt responses.

cope

v. to deal with and overcome difficulties or problems

synonym: manage, handle, deal with

(1) **cope** with stress, (2) **cope** alone with a child

The company was able to **cope** with the changes in the market by introducing new products.

develop

v. to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

synonym: evolve, progress, advance

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

We must **develop** a new system to streamline our workflow and increase efficiency.

generous

adj. willing to give and share something such as money, help, kindness, etc., especially more than is necessary or expected

synonym: charitable, benevolent, giving

(1) a **generous** reward, (2) a **generous** and thoughtful person

This teacher is **generous** in his grading.

propose

v. to make a proposal, declare a plan for something
synonym: suggest, offer, recommend

(1) **propose** the amendment, (2) **propose** changes
I want to **propose** a toast in honor of our longstanding relationship.

afford

v. to have enough money or time to be able to buy or do something

(1) **afford** to buy a new car, (2) **afford** a high travel cost
He cannot **afford** a holiday.

medication

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

synonym: cure, drug, medicine

(1) antibiotic **medication**, (2) **medication** by mouth
The pharmacist not only prescribes the **medication** but also guides its proper use.

economy

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

synonym: finance, trade, business

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

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

capsize

v. to overturn or tip over a boat or other watercraft; to turn upside down or on its side, often as a result of a sudden force or imbalance

synonym: overturn, overturning, tipping

(1) **capsize** a boat, (2) **capsize** in the middle of the storm
The strong wind caused the kayak to **capsize**, throwing the paddler into the water.

fundamental

adj. forming an essential base or core from which everything else develops or is affected

synonym : basic, essential, entire

(1) **fundamental** education, (2) **fundamental** rights

Human behavior has **fundamental** characteristics.

killing

n. the act of causing death; a sudden and intense force or effect that causes significant damage or destruction; a situation where someone is making a substantial amount of money or experiencing significant financial success

synonym : slaughter, homicide, assassination

(1) **killing** spree, (2) profit- **killing**

The **killing** of unarmed civilians is considered a war crime.

diagnose

v. to determine or distinguish the nature of a problem or an illness through a careful analysis

synonym : identify, analyze, interpret

(1) **diagnose** the problem, (2) **diagnose** with CT scans

This device is used to **diagnose** brain cancer and other tumors.

resistance

n. the act of defending oneself from an aggressor or refusing to accept something

synonym : opposition, antagonism, defiance

(1) **resistance** movement, (2) **resistance** to insulin

The bill to increase the consumption tax had passed despite much **resistance** from the public.

tragedy

n. an event or situation causing great loss, misfortune, or destruction; a play or literature that deals with a severe and sad event and often ends with the death of the main character

synonym : disaster, adversity, calamity

(1) a **tragedy** during work, (2) the aftermath of this **tragedy**

Macbeth is a famous **tragedy** by Shakespeare.

resistant

adj. not affected by something, especially changes or new ideas; of or relating to immunity to disease or infection

synonym : unsusceptible, immune, invulnerable

(1) penicillin- **resistant** bacteria, (2) **resistant** to persuasion
Insects in urban areas are becoming **resistant** to insecticides.

strain

n. a force or pressure that stretches or pulls something, sometimes causing damage; (biology) a group of organisms within a species that differ in trivial ways from similar groups

synonym : pressure, tension, breed

(1) **strain** our eyes, (2) a **strain** of bacillus

Dictators of the past often had the erroneous idea of a pure racial **strain**.

treatment

n. the way in which someone deals with or behaves towards someone or something; medical care provided to a patient for an injury or illness.

synonym : remedy, antidote, medicine

(1) first-aid **treatment**, (2) **treatment** by diet

The primary purpose of the **treatment** is pain relief.

restore

v. to repair or return something or someone to a previous good state or position

synonym : fix, mend, reestablish

(1) **restore** order, (2) **restore** the emperor to the throne

The military regime has promised to **restore** democracy as soon as possible.

carnage

n. the killing or slaughter of a large number of people, especially in a battle or war; a situation in which many people are killed or injured in a violent way

synonym : slaughter, massacre, bloodshed

(1) **carnage** on the battlefield, (2) brutal **carnage**

The battlefield was filled with **carnage**, a terrible reminder of the horrors of war.

firsthand

adv. from the source; directly; (adjective) received directly from a source

synonym : direct

(1) hear customer's voices **firsthand**, (2) conduct **firsthand** research

The manager tried to hear customers' voices **firsthand**.

peak

n. the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain

synonym : summit, vertex, apex

(1) at **peak** hour, (2) the **peak** current in the circuit

This measurement aims to reduce traffic at **peak** periods.

relative

adj. considered and evaluated through comparison with something else

synonym : comparative, proximate, congeneric

(1) a remote **relative**, (2) **relative** factors

Most countries prohibit sexual activity between certain close **relatives**.

passion

n. intense, driving, or overpowering feeling or conviction

synonym : fervor, zeal, ardor

(1) **passion** hobby, (2) **passion** drive

Her **passion** for cooking is evident in every dish she prepares.

miracle

n. an act or occurrence that is not explicable by natural or scientific laws and is therefore believed to be caused by God

synonym : wonder, marvel, phenomenon

(1) **miracle** person, (2) economic **miracle**

The doctors said that her recovery was a **miracle**.

miniature

adj. being on a very small scale

synonym : mini, scaled-down, pint-sized

(1) **miniature** camera, (2) **miniature** version

He did complicated pen-and-ink drawings like medieval **miniatures**.

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**.

shrink

v. to become smaller, or to make something smaller in size or amount

synonym: decrease, diminish, shy away

(1) **shrink** the tumor, (2) **shrink** with fear

This shirt will **shrink** in the wash.

biology

n. the scientific study of life and the natural processes of living things

(1) evolutionary **biology**, (2) cell and molecular **biology**

In junior high school, we had to dissect a frog in **biology** class.

laboratory

n. a workplace for doing scientific research or teaching science; a lab

synonym: lab, workshop, testing room

(1) **laboratory** accident, (2) anthropology **laboratory**

Animal protection groups call for an end to animal testing in a **laboratory**.

chemistry

n. the branch of the natural sciences dealing with the composition of substances and their properties and reactions

(1) professor of **chemistry**, (2) the **chemistry** of soil

He is familiar with **chemistry** and biology.

fluid

n. a substance that can flow and is not solid
synonym: liquid, aqua, sap

(1) plenty of **fluids**, (2) **fluid** assets

She was diagnosed with a **fluid** buildup in her lungs.

chip

n. a small fragment of something broken off from the whole; a long and thin piece of potato fried in oil or fat
synonym: flake, fragment, chunk

(1) a **chip** of wood, (2) I don't care a **chip**

We can use this campaign as a bargaining **chip** in the negotiations.

device

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

synonym: gadget, instrument, tool

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

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

integrate

v. to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups

synonym: mix, merge, combine

(1) **integrate** into the existing system, (2) **integrate** both businesses

He found that it is difficult to **integrate** socially.

valve

n. a device for controlling the flow of a fluid or gas through a pipe or duct by means of a movable part that opens, closes, or restricts the opening

synonym: tap, spigot, faucet

(1) electromagnetic **valve**, (2) **valve** control

The **valve** on the pipeline was leaking, so maintenance had to shut it off to make repairs.

pump

v. to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities

synonym : drain, inject, send

(1) **pump** a secret out of success, (2) **pump** blood throughout the body

He was alert and could not **pump** any critical information out of him.

inject

v. to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)

synonym : shoot, infiltrate, insinuate

(1) **inject** under the skin, (2) **inject** a personal opinion into a debate

Let's try to **inject** a bit of enthusiasm into your performance.

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.

kit

n. a set of tools, supplies, or equipment for a particular purpose

synonym : set, package, bundle

(1) survival **kit**, (2) a first-aid **kit**

I bought a new tool **kit** for my home repair projects.

smartphone

n. a mobile phone that functions as a computer and connects to the Internet

(1) **smartphone** app developer, (2) **smartphone** addict
Internet traffic volumes have increased significantly with the advent of **smartphones**.

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.

viral

adj. relating to or caused by a virus

(1) fight **viral** infections, (2) detect a **viral** code

This device can more accurately detect **viral** pathogens.

opt

v. to make a choice from a range of possibilities

synonym: choose, select, pick

(1) **opt** out of society, (2) **opt** for a traditional wedding

I decided to **opt** for premature retirement.

personalize

v. to make something or an experience specific to an individual or group, often through adding personal details or tailoring it to their preferences or needs; to add personal details or information to something

synonym: customize, individualize, tailor

(1) **personalize** social media profile, (2) **personalize** my workspace

I like to **personalize** my phone case with a picture of my dog.

medicinal

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

synonym: curative, therapeutic, healing

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

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

achievable

adj. possible to accomplish or attain

synonym: attainable, possible, reachable

(1) **achievable** task, (2) **achievable** plan

Setting a realistic and **achievable** goal is the key to success.

invite

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

synonym: ask, request, summon

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

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

involvement

n. the fact or condition of taking part in something, or the degree to which someone takes part in something

synonym: participation, engagement, commitment

(1) political **involvement**, (2) **involvement** in criminal activity

The **involvement** of the local government in the project has been critical to its success.

vision

n. the ability to think about or see the future with imagination and intelligence; the faculty of being able to see

synonym: sight, image, concept

(1) a prodigious **vision**, (2) telescopic **vision**

Driving is difficult for me because of my poor **vision**.

practical

adj. of or connected with actual use or real situation rather than with theory and ideas

synonym: applicable, functional, realistic

(1) **practical** English, (2) gain **practical** experience

Her concept is highly **practical** and helpful.

Session 2: Spelling

1. 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
2. in___t a personal opinion into a debate *v.* to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)
3. direct pro_____on *n.* a part, share, or amount of something considered in comparative relation to a whole
4. make a fr__k apology *adj.* honest and sincere; open and candid in expression
5. mi_____re camera *adj.* being on a very small scale
6. p__p a secret out of success *v.* to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities
7. anthropology lab_____ry *n.* a workplace for doing scientific research or teaching science; a lab
8. af___d to buy a new car *v.* to have enough money or time to be able to buy or do something
9. p__p blood throughout the body *v.* to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities

ANSWERS: 1. electronics, 2. inject, 3. proportion, 4. frank, 5. miniature, 6. pump, 7. laboratory, 8. afford, 9. pump

10. in___t under the skin *v.* to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)
11. conduct fi_____nd research *adv.* from the source; directly; (adjective) received directly from a source
12. hear customer's voices fi_____nd *adv.* from the source; directly; (adjective) received directly from a source
13. carry a bu___n *n.* a duty, responsibility, etc. that is oppressive or worrisome; a load, typically a heavy one that is difficult to carry
14. st___n our eyes *n.* a force or pressure that stretches or pulls something, sometimes causing damage; (biology) a group of organisms within a species that differ in trivial ways from similar groups
15. fr__k and open discussion *adj.* honest and sincere; open and candid in expression
16. a building of vast pro_____ons *n.* a part, share, or amount of something considered in comparative relation to a whole
17. po_____t area *adj.* having the least wealth or resources
18. fight vi__l infections *adj.* relating to or caused by a virus
19. di_____se with CT scans *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
20. political inv_____nt *n.* the fact or condition of taking part in something, or the degree to which someone takes part in something

ANSWERS: 10. inject, 11. firsthand, 12. firsthand, 13. burden, 14. strain, 15. frank, 16. proportion, 17. poorest, 18. viral, 19. diagnose, 20. involvement

21. gain pr_____al experience *adj.* of or connected with actual use or real situation rather than with theory and ideas
22. lab_____ry accident *n.* a workplace for doing scientific research or teaching science; a lab
23. I don't care a c__p *n.* a small fragment of something broken off from the whole; a long and thin piece of potato fried in oil or fat
24. 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
25. ec_____y class *n.* the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel
26. res_____ce to insulin *n.* the act of defending oneself from an aggressor or refusing to accept something
27. cell and molecular bi_____y *n.* the scientific study of life and the natural processes of living things
28. a first-aid k_t *n.* a set of tools, supplies, or equipment for a particular purpose
29. re_____e order *v.* to repair or return something or someone to a previous good state or position

ANSWERS: 21. practical, 22. laboratory, 23. chip, 24. patient, 25. economy, 26. resistance, 27. biology, 28. kit, 29. restore

30. sma_____ne addict *n.* a mobile phone that functions as a computer and connects to the Internet
31. sh___k with fear *v.* to become smaller, or to make something smaller in size or amount
32. ca_____e a boat *v.* to overturn or tip over a boat or other watercraft; to turn upside down or on its side, often as a result of a sudden force or imbalance
33. first-aid tr_____nt *n.* the way in which someone deals with or behaves towards someone or something; medical care provided to a patient for an injury or illness.
34. a tr_____y during work *n.* an event or situation causing great loss, misfortune, or destruction; a play or literature that deals with a severe and sad event and often ends with the death of the main character
35. terrestrial gl___e *n.* the earth or world, mainly used to emphasize its vastness
36. a c___p of wood *n.* a small fragment of something broken off from the whole; a long and thin piece of potato fried in oil or fat
37. fun_____al education *adj.* forming an essential base or core from which everything else develops or is affected
38. the ch_____ry of soil *n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions

ANSWERS: 30. smartphone, 31. shrink, 32. capsizes, 33. treatment, 34. tragedy, 35. globe, 36. chip, 37. fundamental, 38. chemistry

39. around the gl__e *n.* the earth or world, mainly used to emphasize its vastness
40. profit-ki____g *n.* the act of causing death; a sudden and intense force or effect that causes significant damage or destruction; a situation where someone is making a substantial amount of money or experiencing significant financial success
41. re____e the emperor to the throne *v.* to repair or return something or someone to a previous good state or position
42. evolutionary bi____y *n.* the scientific study of life and the natural processes of living things
43. ki____g spree *n.* the act of causing death; a sudden and intense force or effect that causes significant damage or destruction; a situation where someone is making a substantial amount of money or experiencing significant financial success
44. penicillin-re____nt bacteria *adj.* not affected by something, especially changes or new ideas; of or relating to immunity to disease or infection
45. treat this dev____ng disease *adj.* causing a great deal of destruction or damage
46. pr____al English *adj.* of or connected with actual use or real situation rather than with theory and ideas
47. survival k_t *n.* a set of tools, supplies, or equipment for a particular purpose

ANSWERS: 39. globe, 40. killing, 41. restore, 42. biology, 43. killing, 44. resistant, 45. devastating, 46. practical, 47. kit

48. sub_____an Africa *adj.* of or relating to or situated in the area south of the Sahara Desert
49. ca_____e on the battlefield *n.* the killing or slaughter of a large number of people, especially in a battle or war; a situation in which many people are killed or injured in a violent way
50. antibiotic med_____on *n.* a drug or other form of medicine that treats, prevents, or alleviates the symptoms of the disease
51. in_____te into the existing system *v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups
52. a remote re_____ve *adj.* considered and evaluated through comparison with something else
53. o_t out of society *v.* to make a choice from a range of possibilities
54. a st____n of bacillus *n.* a force or pressure that stretches or pulls something, sometimes causing damage; (biology) a group of organisms within a species that differ in trivial ways from similar groups
55. pa_____n hobby *n.* intense, driving, or overpowering feeling or conviction
56. per_____ze my workspace *v.* to make something or an experience specific to an individual or group, often through adding personal details or tailoring it to their preferences or needs; to add personal details or information to something

ANSWERS: 48. sub-Saharan, 49. carnage, 50. medication, 51. integrate, 52. relative, 53. opt, 54. strain, 55. passion, 56. personalize

57. detect a vi__l code *adj.* relating to or caused by a virus
58. di____e control *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
59. a ge____us and thoughtful person *adj.* willing to give and share something such as money, help, kindness, etc., especially more than is necessary or expected
60. mi____re version *adj.* being on a very small scale
61. per____ze social media profile *v.* to make something or an experience specific to an individual or group, often through adding personal details or tailoring it to their preferences or needs; to add personal details or information to something
62. bitter ir__y *n.* the expression of one's meaning by using language that usually signifies the opposite, typically for humorous or rhetorical effect
63. va__e control *n.* a device for controlling the flow of a fluid or gas through a pipe or duct by means of a movable part that opens, closes, or restricts the opening
64. med____on by mouth *n.* a drug or other form of medicine that treats, prevents, or alleviates the symptoms of the disease
65. health ep____ic *n.* the widespread outbreak of a particular disease in a large number of people at the same time

ANSWERS: 57. viral, 58. disease, 59. generous, 60. miniature, 61. personalize, 62. irony, 63. valve, 64. medication, 65. epidemic

66. af___d a high travel cost *v.* to have enough money or time to be able to buy or do something
67. cap_____ty assessment *n.* the ability, skill, or competence to do something; the potential or aptitude for a particular task or function
68. series of exp_____nts *n.* the scientific test conducted to observe what happens and gain new knowledge
69. 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
70. economic mi_____e *n.* an act or occurrence that is not explicable by natural or scientific laws and is therefore believed to be caused by God
71. a worldwide ep_____ic *n.* the widespread outbreak of a particular disease in a large number of people at the same time
72. the aftermath of this tr_____y *n.* an event or situation causing great loss, misfortune, or destruction; a play or literature that deals with a severe and sad event and often ends with the death of the main character
73. in___e criticism *v.* to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place
74. po_____t of the poor *adj.* having the least wealth or resources
75. electromagnetic va___e *n.* a device for controlling the flow of a fluid or gas through a pipe or duct by means of a movable part that opens, closes, or restricts the opening

ANSWERS: 66. afford, 67. capability, 68. experiment, 69. patient, 70. miracle, 71. epidemic, 72. tragedy, 73. invite, 74. poorest, 75. valve

76. technological cap_____ty *n.* the ability, skill, or competence to do something; the potential or aptitude for a particular task or function
77. a ge_____us reward *adj.* willing to give and share something such as money, help, kindness, etc., especially more than is necessary or expected
78. professor of ch_____ry *n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions
79. the p__k current in the circuit *n.* the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain
80. di_____e prevention *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
81. pr_____e the amendment *v.* to make a proposal, declare a plan for something
82. pa_____n drive *n.* intense, driving, or overpowering feeling or conviction
83. brutal ca_____e *n.* the killing or slaughter of a large number of people, especially in a battle or war; a situation in which many people are killed or injured in a violent way
84. fun_____al rights *adj.* forming an essential base or core from which everything else develops or is affected

ANSWERS: 76. capability, 77. generous, 78. chemistry, 79. peak, 80. disease, 81. propose, 82. passion, 83. carnage, 84. fundamental

85. c__e with stress	v.	to deal with and overcome difficulties or problems
86. re_____nt to persuasion	adj.	not affected by something, especially changes or new ideas; of or relating to immunity to disease or infection
87. traditional me_____al	adj.	of or relating to the treatment or cure of disease
88. de_____p a skill	v.	to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
89. have dev_____ng effects	adj.	causing a great deal of destruction or damage
90. ach_____le plan	adj.	possible to accomplish or attain
91. re_____ve factors	adj.	considered and evaluated through comparison with something else
92. me_____al chemistry	adj.	of or relating to the treatment or cure of disease
93. mi_____e person	n.	an act or occurrence that is not explicable by natural or scientific laws and is therefore believed to be caused by God
94. pr_____e changes	v.	to make a proposal, declare a plan for something
95. sub_____an countries	adj.	of or relating to or situated in the area south of the Sahara Desert

ANSWERS: 85. cope, 86. resistant, 87. medicinal, 88. develop, 89. devastating, 90. achievable, 91. relative, 92. medicinal, 93. miracle, 94. propose, 95. sub-Saharan

96. tr_____nt by diet *n.* the way in which someone deals with or behaves towards someone or something; medical care provided to a patient for an injury or illness.
97. fl__d assets *n.* a substance that can flow and is not solid
98. a prodigious vi___n *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
99. res_____ce movement *n.* the act of defending oneself from an aggressor or refusing to accept something
100. ir__y humor *n.* the expression of one's meaning by using language that usually signifies the opposite, typically for humorous or rhetorical effect
101. telescopic vi___n *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
102. 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
103. at p__k hour *n.* the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain
104. bu___n of disease *n.* a duty, responsibility, etc. that is oppressive or worrisome; a load, typically a heavy one that is difficult to carry

ANSWERS: 96. treatment, 97. fluid, 98. vision, 99. resistance, 100. irony, 101. vision, 102. electronics, 103. peak, 104. burden

105. ca_____e in the middle of the storm *v.* to overturn or tip over a boat or other watercraft; to turn upside down or on its side, often as a result of a sudden force or imbalance
106. ach_____le task *adj.* possible to accomplish or attain
107. o_t for a traditional wedding *v.* to make a choice from a range of possibilities
108. sh___k the tumor *v.* to become smaller, or to make something smaller in size or amount
109. electronic de____e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
110. in_____te both businesses *v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups
111. de____p a strategy *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
112. exp_____nt design *n.* the scientific test conducted to observe what happens and gain new knowledge
113. sma_____ne app developer *n.* a mobile phone that functions as a computer and connects to the Internet
114. in___e guests *v.* to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place

ANSWERS: 105. capsizes, 106. achievable, 107. opt, 108. shrink, 109. device, 110. integrate, 111. develop, 112. experiment, 113. smartphone, 114. invite

115. inv_____nt in criminal activity *n.* the fact or condition of taking part in something, or the degree to which someone takes part in something
116. tracking de___e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
117. c___e alone with a child *v.* to deal with and overcome difficulties or problems
118. ec_____y of scale *n.* the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel
119. plenty of fl___ds *n.* a substance that can flow and is not solid
120. di_____se the problem *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis

ANSWERS: 115. involvement, 116. device, 117. cope, 118. economy, 119. fluid, 120. diagnose

Session 3: Fill in the Blanks

1. The _____ of the local government in the project has been critical to its success.
 - n.* the fact or condition of taking part in something, or the degree to which someone takes part in something

2. That car has a low environmental _____.
 - n.* a duty, responsibility, etc. that is oppressive or worrisome; a load, typically a heavy one that is difficult to carry

3. Most countries prohibit sexual activity between certain close _____.
 - adj.* considered and evaluated through comparison with something else

4. The doctor diagnosed him with a rare _____ that had no known cure.
 - n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems

5. Internet traffic volumes have increased significantly with the advent of _____.
 - n.* a mobile phone that functions as a computer and connects to the Internet

6. Let's try to _____ a bit of enthusiasm into your performance.
 - v.* to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)

7. I like to _____ my phone case with a picture of my dog.
 - v.* to make something or an experience specific to an individual or group, often through adding personal details or tailoring it to their preferences or needs; to add personal details or information to something

ANSWERS: 1. involvement, 2. burden, 3. relatives, 4. disease, 5. smartphones, 6. inject, 7. personalize

8. The _____ properties of this herb have been known to help with various ailments.
adj. of or relating to the treatment or cure of disease
9. The pharmacist not only prescribes the _____ but also guides its proper use.
n. a drug or other form of medicine that treats, prevents, or alleviates the symptoms of the disease
10. This device can more accurately detect _____ pathogens.
adj. relating to or caused by a virus
11. The company was able to _____ with the changes in the market by introducing new products.
v. to deal with and overcome difficulties or problems
12. Setting a realistic and _____ goal is the key to success.
adj. possible to accomplish or attain
13. Animal protection groups call for an end to animal testing in a _____.
n. a workplace for doing scientific research or teaching science; a lab
14. Macbeth is a famous _____ by Shakespeare.
n. an event or situation causing great loss, misfortune, or destruction; a play or literature that deals with a severe and sad event and often ends with the death of the main character
15. Driving is difficult for me because of my poor _____.
n. the ability to think about or see the future with imagination and intelligence; the faculty of being able to see

ANSWERS: 8. medicinal, 9. medication, 10. viral, 11. cope, 12. achievable, 13. laboratory, 14. tragedy, 15. vision

16. His _____ showed highly positive results.
n. the scientific test conducted to observe what happens and gain new knowledge
17. The primary purpose of the _____ is pain relief.
n. the way in which someone deals with or behaves towards someone or something; medical care provided to a patient for an injury or illness.
18. We can use this campaign as a bargaining _____ in the negotiations.
n. a small fragment of something broken off from the whole; a long and thin piece of potato fried in oil or fat
19. The doctors said that her recovery was a _____.
n. an act or occurrence that is not explicable by natural or scientific laws and is therefore believed to be caused by God
20. The disease is now reaching _____ proportions in our country.
n. the widespread outbreak of a particular disease in a large number of people at the same time
21. The coffee producers in _____ countries are at the sharp end of fluctuations in price.
adj. of or relating to or situated in the area south of the Sahara Desert
22. Dictators of the past often had the erroneous idea of a pure racial _____.
n. a force or pressure that stretches or pulls something, sometimes causing damage; (biology) a group of organisms within a species that differ in trivial ways from similar groups
23. The manager tried to hear customers' voices _____.
adv. from the source; directly; (adjective) received directly from a source

ANSWERS: 16. experiments, 17. treatment, 18. chip, 19. miracle, 20. epidemic, 21. sub-Saharan, 22. strain, 23. firsthand

24. Her concept is highly _____ and helpful.

adj. of or connected with actual use or real situation rather than with theory and ideas

25. This shirt will _____ in the wash.

v. to become smaller, or to make something smaller in size or amount

26. 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

27. I decided to ____ for premature retirement.

v. to make a choice from a range of possibilities

28. He cannot _____ a holiday.

v. to have enough money or time to be able to buy or do something

29. He was alert and could not _____ any critical information out of him.

v. to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities

30. 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

31. The _____ of the situation is that he won the lottery on the day he lost his job.

n. the expression of one's meaning by using language that usually signifies the opposite, typically for humorous or rhetorical effect

ANSWERS: 24. practical, 25. shrink, 26. patient's, 27. opt, 28. afford, 29. pump, 30. electronics, 31. irony

32. This typhoon was the most _____ in years.

adj. causing a great deal of destruction or damage

33. The bill to increase the consumption tax had passed despite much _____ from the public.

n. the act of defending oneself from an aggressor or refusing to accept something

34. He did complicated pen-and-ink drawings like medieval _____.

adj. being on a very small scale

35. I bought a new tool ____ for my home repair projects.

n. a set of tools, supplies, or equipment for a particular purpose

36. The _____ of unarmed civilians is considered a war crime.

n. the act of causing death; a sudden and intense force or effect that causes significant damage or destruction; a situation where someone is making a substantial amount of money or experiencing significant financial success

37. The battlefield was filled with _____ a terrible reminder of the horrors of war.

n. the killing or slaughter of a large number of people, especially in a battle or war; a situation in which many people are killed or injured in a violent way

38. He is more concerned about the _____ of his body fat than usual because of an upcoming bodybuilding competition.

n. a part, share, or amount of something considered in comparative relation to a whole

39. The _____ of the country is struggling due to the recent political instability.

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

ANSWERS: 32. devastating, 33. resistance, 34. miniatures, 35. kit, 36. killing, 37. carnage, 38. proportion, 39. economy

40. The _____ on the pipeline was leaking, so maintenance had to shut it off to make repairs.
- n.* a device for controlling the flow of a fluid or gas through a pipe or duct by means of a movable part that opens, closes, or restricts the opening
41. I want to _____ a toast in honor of our longstanding relationship.
- v.* to make a proposal, declare a plan for something
42. This device is used to _____ brain cancer and other tumors.
- v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
43. I always carry a backup _____ in case my phone runs out of battery.
- n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
44. We must _____ a new system to streamline our workflow and increase efficiency.
- v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
45. The strong wind caused the kayak to _____ throwing the paddler into the water.
- v.* to overturn or tip over a boat or other watercraft; to turn upside down or on its side, often as a result of a sudden force or imbalance
46. His final goal is to sail around the _____.
- n.* the earth or world, mainly used to emphasize its vastness

ANSWERS: 40. valve, 41. propose, 42. diagnose, 43. device, 44. develop, 45. capsize, 46. globe

47. This teacher is _____ in his grading.

adj. willing to give and share something such as money, help, kindness, etc., especially more than is necessary or expected

48. This measurement aims to reduce traffic at _____ periods.

n. the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain

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

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

50. The _____ countries in the world often have the highest rates of malnutrition.

adj. having the least wealth or resources

51. Full involvement means _____ and prompt responses.

adj. honest and sincere; open and candid in expression

52. In junior high school, we had to dissect a frog in _____ class.

n. the scientific study of life and the natural processes of living things

53. He is familiar with _____ and biology.

n. the branch of the natural sciences dealing with the composition of substances and their properties and reactions

54. Her _____ for cooking is evident in every dish she prepares.

n. intense, driving, or overpowering feeling or conviction

55. She was diagnosed with a _____ buildup in her lungs.

n. a substance that can flow and is not solid

ANSWERS: 47. generous, 48. peak, 49. invite, 50. poorest, 51. frank, 52. biology, 53. chemistry, 54. passion, 55. fluid

56. The military regime has promised to _____ democracy as soon as possible.
v. to repair or return something or someone to a previous good state or position
57. The company's pricing strategy limits its _____ to compete with other businesses in the market.
n. the ability, skill, or competence to do something; the potential or aptitude for a particular task or function
58. Human behavior has _____ characteristics.
adj. forming an essential base or core from which everything else develops or is affected
59. He found that it is difficult to _____ socially.
v. to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups
60. Insects in urban areas are becoming _____ to insecticides.
adj. not affected by something, especially changes or new ideas; of or relating to immunity to disease or infection

ANSWERS: 56. restore, 57. capability, 58. fundamental, 59. integrate, 60. resistant