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Vocabulary Builder Reference from...

Andrew Bastawrous: Get your next eye exam on a smartphone | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

blind

adj. unable to see; unable or unwilling to perceive or understand the true nature of something

synonym : sightless, unseeing, random

(1) **blind** to the beauties, (2) **blind** spot

She was nearly **blind** due to severe diabetes.

absolute

adj. perfect or complete or to the most considerable degree possible

synonym : complete, infrangible, indisputable

(1) **absolute** loyalty, (2) an **absolute** must

Gandhi had an **absolute** zeal for nonviolence.

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.

curable

adj. describing an illness or condition that can be treated or remedied to restore health; having the potential to be alleviated or resolved

synonym: healable, treatable, remediable

(1) **curable** disease, (2) **curable** condition

Most cases of the common cold are **curable** with rest and over-the-counter medications.

equip

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

synonym: prepare, furnish, provide

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

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

clinic

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

synonym: hospital, infirmary

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

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

rift

n. a break or fissure in a relationship, organization, or physical structure; a large crack in the ground, rock, or other surfaces

synonym: split, break, gap

(1) **rift** between friends, (2) geological **rift**

Their disagreement caused a **rift** in their friendship.

valley

n. a long depression on the surface of the land, which typically contains a river

synonym: canyon, gorge, dale

(1) **valley** bottom, (2) basin-shaped **valley**

The **valley** had received a mild snowfall the previous week.

technological

adj. based on scientific and industrial progress

synonym: specialized, technical

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

Technological advances have disrupted many industries.

petrol

n. a flammable liquid made from petroleum that is used as a fuel in internal combustion engines, commonly known as gasoline in North America

synonym : gasoline, fuel, gas

(1) **petrol** station, (2) **petrol** engine

I must fill my car with **petrol** before going on a long road trip.

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.

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.

harness

v. to control and exploit the power of something, especially natural resources that produce energy; (noun) a set of narrow pieces of leather and metal that are used to control or hold in place a person, animal, or object

synonym : rein in, control, (noun) belt

(1) **harness** a horse to a carriage, (2) put a **harness** on my pet

People have been exploring ways to **harness** natural forces and resources since ancient times.

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.

peek

n. a quick or furtive look; (verb) to take a quick and secret look at something

synonym: glimpse, look, glance

(1) sneak **peek**, (2) **peek** at others' misfortune

She took a quick **peek** inside the box before closing it again.

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**.

communal

adj. belonging to or used by a group rather than individuals; for common use

synonym: collaborative, combined, collective

(1) **communal** swimming pool, (2) **communal** combination of funds

Communal elections were held in several European countries.

healthcare

n. the organized activity or business of preserving mental and physical health by preventing or treating illness through services offered by the health profession

(1) **healthcare** agency, (2) rising **healthcare** cost

In an aging population, citizens must pay more to maintain quality **healthcare**.

empower

v. to give someone the power or authority to do something

synonym: authorize, endow, entitle

(1) **empower** my life, (2) **empower** the secretary to do the

same

The company **empowered** employees to buy low-price items without approval to achieve efficient purchasing.

replace

v. to take the place of something

synonym: substitute, supersede, displace

(1) **replace** one word with another, (2) **replace** a phone
Eventually, the new design will **replace** all older models.

tradition

n. a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society

synonym: custom, practice, ritual

(1) a **tradition** of a culture, (2) against **tradition**

It is a **tradition** in many families to have a big Thanksgiving dinner with all their relatives.

bulky

adj. taking up much space or being difficult to move because of its size or weight; large and unwieldy

synonym: large, cumbersome, unwieldy

(1) **bulky** material, (2) **bulky** packaging

The **bulky** furniture made it difficult to move around the small room.

fragile

adj. delicate or easily broken or damaged

synonym: delicate, brittle, breakable

(1) politically **fragile** nation, (2) **fragile** ecosystem

The vase was made of **fragile** ceramic and easily broke when it was dropped.

app

n. (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC

synonym: application, software

(1) killer **app**, (2) cannot log in to the **app**

The discovery of a critical bug caused the company to delay

the **app's** release.

hardware

n. durable tools, machinery, and other equipment; the physical and electronic parts of a computer or other electronic systems

synonym : gear, apparatus, gadget

(1) the **hardware** department, (2) a vast inventory of **hardware**

The mouse and keyboard are essential **hardware** for operating a PC.

demonstration

n. a display or show, often of a particular skill or product, intended to convince or persuade others

synonym : manifestation, presentation, show

(1) **demonstration** project, (2) a campus **demonstration**

Thousands of people attended the protest **demonstration** against the proposed policy.

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**.

accurate

adj. correct and exact in all details

synonym : exact, precise, proper

(1) provide **accurate** information, (2) **accurate** measurements

The official transcript contains **accurate** academic records.

medical

adj. relating to the treatment of illness or injuries; relating to the practice of medicine

synonym : health, disease, treatment

(1) a **medical** opinion, (2) temporary **medical** treatment

The **medical** team worked quickly to save the patient's life.

jargon

n. specialized language or vocabulary used by a particular group or profession that is often difficult for outsiders to understand; language that is full of technical slang or obscure terms and is often used to obscure or confuse rather than clarify

synonym: lingo, vernacular, slang

(1) business **jargon**, (2) scientific **jargon**

The financial industry is notorious for using complicated **jargon** that confuses consumers.

examine

v. to study or consider a person or object attentively and thoroughly to learn something about them

synonym: study, probe, analyze

(1) **examine** the data studiously, (2) **examine** the issue

Initially, we must **examine** all project-related expenses.

sight

n. the ability to see; anything that is seen

synonym: vision, spectacle, view

(1) an unexpected **sight**, (2) dull **sight**

Many famous **sights** are within walking distance.

visual

adj. relating to seeing or sight

synonym: optical, graphical, visible

(1) **visual** navigation, (2) field of **visual** arts

The building makes a remarkable **visual** impact.

empathy

n. the ability to share another person's feelings or experiences by imagining that person's situation

synonym: compassion, sympathy, tenderness

(1) full of **empathy**, (2) **empathy** for patients

Empathy is also necessary to understand history.

discovery

n. the act or process of finding information, a place, or an object, or learning about something that was previously not known

synonym: finding, uncovering, detection

(1) a scientific **discovery**, (2) the great **discovery** of the

century

Her research team made an important **discovery**.

traditionally

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

synonym: conventionally, commonly, generally

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

Traditionally, the ceremony was held outdoors.

retina

n. the innermost light-sensitive membrane covering the back wall of the eyeball

(1) **retinal** cells, (2) **retina** scanner

Damage to the **retina** may play a role in the development of glaucoma.

clip

n. a small metal or plastic device used for holding an object or objects together or in place; a short part of electronic media, either an audio clip or video clip

synonym: buckle, hook, pin

(1) tie **clip**, (2) short video **clip**

He fastens some sheets of paper with a **clip**.

comparable

adj. able to link the similarities or differences with others; similar or equivalent to someone or something

synonym: equal, commensurate, similar

(1) **comparable** sales, (2) a **comparable** amount of energy

Humans and apes have **comparable** anatomical structures.

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.

overcome

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

someone

synonym : beat, confound, overwhelm

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

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

solar

adj. of, from, or relating to the sun

(1) the **solar** system, (2) a **solar** eclipse

Solar panels have greatly improved not only in performance but also in durability.

rucksack

n. a type of backpack or knapsack that is typically used for hiking, camping, or other outdoor activities, which has shoulder straps and a compartment for storing gear or personal items

synonym : backpack, knapsack, pack

(1) **rucksack** straps, (2) hiking **rucksack**

I packed my clothes and supplies into my **rucksack** for the camping trip.

comprehensive

adj. complete and including all or everything necessary

synonym : complete, encyclopedic, thorough

(1) a **comprehensive** explanation, (2) conduct a **comprehensive** survey

We have a **comprehensive** grasp of this topic.

minimal

adj. tiny in amount; the least possible

synonym : tiniest, essential, minimum

(1) **minimal** effort, (2) **minimal** amount

The process was carried out at **minimal** cost.

rural

adj. of or relating to the countryside

synonym : agrarian, country, rustic

(1) **rural** accents, (2) people in **rural** areas

Many **rural** areas are still impoverished.

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.

interface

n. (computer science) a program that controls a display for the user and that allows the user to interact with the system; (chemistry) a surface forming a common boundary between two things

synonym: junction, surface, UI

(1) **interface** between gas and liquid, (2) the user **interface**

Detergent weakens the surface tension at the **interface** of two liquids.

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.

cataract

n. a clouding of the lens in the eye that affects vision; a large waterfall

synonym: clouding, blurriness, waterfall

(1) the thunder of a **cataract**, (2) **cataract** lens

The older man had a **cataract** removed from his eye, which improved his vision significantly.

depict

v. to illustrate someone or something in a photograph

synonym: illustrate, describe, express

(1) **depict** a scene, (2) **depict** a feeling of isolation

His son had accurately **depicted** the bloom.

locate

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

synonym : discover, find, place

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

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

bulk

n. the quantity or size of something that is very large; the main part of something

synonym : majority, largeness, amount

(1) buy in **bulk**, (2) **bulk** data transfer

I received a parcel of great **bulk**.

arrange

v. to plan, prepare for, and carry out something

synonym : set up, order, organize

(1) **arrange** the meeting, (2) the list was **arranged** alphabetically

I need to **arrange** plans with him for the celebration.

represent

v. to speak, act, or be present on behalf of another person or group; to form or constitute

synonym : depict, express, describe

(1) **represent** by a diagram, (2) the characters that **represent** numbers

We elected him to **represent** us at the international conference.

grandchild

n. a child of someone's son or daughter

synonym : offspring, descendant, progeny

(1) **grandchild-grandparent** relationship, (2) **grandchild** development

The grandparents take care of their **grandchild** while the parents are at work.

eyesight

n. the ability to see; visual acuity or sharpness

synonym : vision, sight, eyes

(1) impaired **eyesight**, (2) acute **eyesight**

His excellent **eyesight** allowed him to spot the bird in the dense foliage.

statistics

n. the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
(1) **statistics** for cancer, (2) official **statistics**
The **statistics** demonstrate that poverty and unemployment are genuine problems.

demonstrate

v. to display something or give an exhibition to an interested audience
synonym: show, illustrate, display
(1) **demonstrate** a difference, (2) **demonstrate** mastery
How can you **demonstrate** that the earth is a sphere?

optic

adj. relating to vision or the eyes; relating to or involving light or optics
synonym: visual, ocular, visualized
(1) **optic** fiber, (2) **optic** illusion
The campaign ad was designed with bright colors and bold fonts for maximum **optic** impact.

nervous

adj. worried and anxious about something; relating to the nerves
synonym: neural, anxious, uneasy
(1) development of the **nervous** system, (2) get **nervous**
He suffers from **nervous** breakdowns.

extension

n. a thing that is added to something to make it longer, larger, or wider; an educational opportunity provided by colleges and universities to people who are not enrolled as regular students; an additional telephone set that is connected to the same telephone line
synonym: addition, augment, supplement
(1) time **extension**, (2) telephone **extension**
They are building an **extension** to the house to add more bedrooms.

brain

n. the organ inside the head that is responsible for one's movement, thought, memory, and feeling

synonym: intellect, mind, encephalon

(1) basic **brain** function, (2) permanent **brain** damage

X-rays revealed a small tumor in his **brain**.

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.

manufacture

v. to make goods in large numbers, usually in a factory using machines

synonym: create, fabricate, assemble

(1) **manufacture** an enzyme, (2) **manufacture** a product

The majority of synthetic vitamins are **manufactured** from oil.

Session 2: Spelling

1. pa_____er estimation
n. a numerical or other measurable factors that characterize a system or set of data
2. the so__r system
adj. of, from, or relating to the sun
3. the ha_____re department
n. durable tools, machinery, and other equipment; the physical and electronic parts of a computer or other electronic systems
4. pa_____er tuning
n. a numerical or other measurable factors that characterize a system or set of data
5. 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
6. a me_____l opinion
adj. relating to the treatment of illness or injuries; relating to the practice of medicine
7. buy in b__k
n. the quantity or size of something that is very large; the main part of something
8. dem_____te a difference
v. to display something or give an exhibition to an interested audience
9. a so__r eclipse
adj. of, from, or relating to the sun
10. bu__y material
adj. taking up much space or being difficult to move because of its size or weight; large and unwieldy
11. man_____re an enzyme
v. to make goods in large numbers, usually in a factory using machines

ANSWERS: 1. parameter, 2. solar, 3. hardware, 4. parameter, 5. disease, 6. medical, 7. bulk, 8. demonstrate, 9. solar, 10. bulky, 11. manufacture

12. killer a_p *n.* (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC
13. time ex_____on *n.* a thing that is added to something to make it longer, larger, or wider; an educational opportunity provided by colleges and universities to people who are not enrolled as regular students; an additional telephone set that is connected to the same telephone line
14. a com_____ive explanation *adj.* complete and including all or everything necessary
15. 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
16. va____y bottom *n.* a long depression on the surface of the land, which typically contains a river
17. cu_____e disease *adj.* describing an illness or condition that can be treated or remedied to restore health; having the potential to be alleviated or resolved
18. business ja____n *n.* specialized language or vocabulary used by a particular group or profession that is often difficult for outsiders to understand; language that is full of technical slang or obscure terms and is often used to obscure or confuse rather than clarify

ANSWERS: 12. app, 13. extension, 14. comprehensive, 15. develop, 16. valley, 17. curable, 18. jargon

19. tec_____cal advancement *adj.* based on scientific and industrial progress
20. get ne_____s *adj.* worried and anxious about something; relating to the nerves
21. pe___l station *n.* a flammable liquid made from petroleum that is used as a fuel in internal combustion engines, commonly known as gasoline in North America
22. dull si__t *n.* the ability to see; anything that is seen
23. ex_____e the data studiously *v.* to study or consider a person or object attentively and thoroughly to learn something about them
24. acute ey_____ht *n.* the ability to see; visual acuity or sharpness
25. access to public tr_____rt *n.* a system for moving people or products from one location to another using automobiles, roads, and so on
26. 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
27. short video c__p *n.* a small metal or plastic device used for holding an object or objects together or in place; a short part of electronic media, either an audio clip or video clip
28. the list was ar_____ed alphabetically *v.* to plan, prepare for, and carry out something

ANSWERS: 19. technological, 20. nervous, 21. petrol, 22. sight, 23. examine, 24. eyesight, 25. transport, 26. develop, 27. clip, 28. arrange

29. put a ha____s on my pet *v.* to control and exploit the power of something, especially natural resources that produce energy; (noun) a set of narrow pieces of leather and metal that are used to control or hold in place a person, animal, or object
30. di____se with CT scans *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
31. ov____me all difficulties *v.* to succeed in controlling or dealing with something, such as a problem or difficulty; to defeat or overwhelm someone
32. the great di____ry of the century *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
33. provide ac____te information *adj.* correct and exact in all details
34. bl__d to the beauties *adj.* unable to see; unable or unwilling to perceive or understand the true nature of something
35. mi____l effort *adj.* tiny in amount; the least possible
36. tec____cal policy *adj.* based on scientific and industrial progress
37. sma____ne app developer *n.* a mobile phone that functions as a computer and connects to the Internet
38. conduct a com____ive survey *adj.* complete and including all or everything necessary

ANSWERS: 29. harness, 30. diagnose, 31. overcome, 32. discovery, 33. accurate, 34. blind, 35. minimal, 36. technological, 37. smartphone, 38. comprehensive

39. lo___e a tumor *v.* to specify or determine the exact position of someone or something
40. a scientific di_____ry *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
41. op__c illusion *adj.* relating to vision or the eyes; relating to or involving light or optics
42. de___t a feeling of isolation *v.* to illustrate someone or something in a photograph
43. dem_____te mastery *v.* to display something or give an exhibition to an interested audience
44. ab_____te loyalty *adj.* perfect or complete or to the most considerable degree possible
45. the characters that re_____nt numbers *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
46. people in ru__l areas *adj.* of or relating to the countryside
47. a campus dem_____ion *n.* a display or show, often of a particular skill or product, intended to convince or persuade others
48. an unexpected si__t *n.* the ability to see; anything that is seen
49. impaired ey_____ht *n.* the ability to see; visual acuity or sharpness
50. com_____le sales *adj.* able to link the similarities or differences with others; similar or equivalent to someone or something
51. scientific ja___n *n.* specialized language or vocabulary used by a particular group or profession that is often difficult for outsiders to understand; language that is full of technical slang or obscure terms and is often used to obscure or confuse rather than clarify

ANSWERS: 39. locate, 40. discovery, 41. optic, 42. depict, 43. demonstrate, 44.

absolute, 45. represent, 46. rural, 47. demonstration, 48. sight, 49. eyesight, 50. comparable, 51. jargon

52. gra_____ld-grandparent relationship *n.* a child of someone's son or daughter
53. field of vi___l arts *adj.* relating to seeing or sight
54. dem_____ion project *n.* a display or show, often of a particular skill or product, intended to convince or persuade others
55. cannot log in to the a_p *n.* (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC
56. ex_____e the issue *v.* to study or consider a person or object attentively and thoroughly to learn something about them
57. an ab_____te must *adj.* perfect or complete or to the most considerable degree possible
58. p__k at others' misfortune *n.* a quick or furtive look; (verb) to take a quick and secret look at something
59. 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
60. re___al cells *n.* the innermost light-sensitive membrane covering the back wall of the eyeball
61. tra_____lly accepted concept *adv.* in accordance with tradition; typically or commonly done in a particular way
62. re_____e a phone *v.* to take the place of something
63. mi_____l amount *adj.* tiny in amount; the least possible
64. re_____nt by a diagram *v.* to speak, act, or be present on behalf of another person or group; to form or constitute

ANSWERS: 52. grandchild, 53. visual, 54. demonstration, 55. app, 56. examine, 57. absolute, 58. peek, 59. disease, 60. retina, 61. traditionally, 62. replace, 63. minimal, 64. represent

65. re___a scanner *n.* the innermost light-sensitive membrane covering the back wall of the eyeball
66. eq__p our children with some special skills *v.* to provide a person or a place with the things that are needed for a particular purpose or activity
67. in_____ce between gas and liquid *n.* (computer science) a program that controls a display for the user and that allows the user to interact with the system; (chemistry) a surface forming a common boundary between two things
68. development of the ne_____s system *adj.* worried and anxious about something; relating to the nerves
69. co_____al swimming pool *adj.* belonging to or used by a group rather than individuals; for common use
70. politically fr_____e nation *adj.* delicate or easily broken or damaged
71. tie c__p *n.* a small metal or plastic device used for holding an object or objects together or in place; a short part of electronic media, either an audio clip or video clip
72. em_____r the secretary to do the same *v.* to give someone the power or authority to do something
73. tracking de___e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
74. the user in_____ce *n.* (computer science) a program that controls a display for the user and that allows the user to interact with the system; (chemistry) a surface forming a common boundary between two things

ANSWERS: 65. retina, 66. equip, 67. interface, 68. nervous, 69. communal, 70. fragile, 71. clip, 72. empower, 73. device, 74. interface

75. lo___e a missing pet *v.* to specify or determine the exact position of someone or something
76. ru_____ck straps *n.* a type of backpack or knapsack that is typically used for hiking, camping, or other outdoor activities, which has shoulder straps and a compartment for storing gear or personal items
77. cu_____e condition *adj.* describing an illness or condition that can be treated or remedied to restore health; having the potential to be alleviated or resolved
78. visit to the veterinary cl___c *n.* a building or hospital department where people can go for medical care or advice, especially of a particular condition
79. sub_____an Africa *adj.* of or relating to or situated in the area south of the Sahara Desert
80. 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
81. permanent br__n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
82. a tr_____on of a culture *n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
83. 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

ANSWERS: 75. locate, 76. rucksack, 77. curable, 78. clinic, 79. sub-Saharan, 80. vision, 81. brain, 82. tradition, 83. patient

84. ru__l accents *adj.* of or relating to the countryside
85. r__t between friends *n.* a break or fissure in a relationship, organization, or physical structure; a large crack in the ground, rock, or other surfaces
86. pe___l engine *n.* a flammable liquid made from petroleum that is used as a fuel in internal combustion engines, commonly known as gasoline in North America
87. tra_____lly sung at a banquet *adv.* in accordance with tradition; typically or commonly done in a particular way
88. electronic de___e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
89. sneak p__k *n.* a quick or furtive look; (verb) to take a quick and secret look at something
90. geological r__t *n.* a break or fissure in a relationship, organization, or physical structure; a large crack in the ground, rock, or other surfaces
91. rising hea_____re cost *n.* the organized activity or business of preserving mental and physical health by preventing or treating illness through services offered by the health profession
92. vi___l navigation *adj.* relating to seeing or sight
93. op__c fiber *adj.* relating to vision or the eyes; relating to or involving light or optics

ANSWERS: 84. rural, 85. rift, 86. petrol, 87. traditionally, 88. device, 89. peek, 90. rift, 91. healthcare, 92. visual, 93. optic

94. basin-shaped va___y *n.* a long depression on the surface of the land, which typically contains a river
95. bu__y packaging *adj.* taking up much space or being difficult to move because of its size or weight; large and unwieldy
96. tr_____rt facilities *n.* a system for moving people or products from one location to another using automobiles, roads, and so on
97. telescopic vi___n *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
98. sta_____cs for cancer *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
99. bl__d spot *adj.* unable to see; unable or unwilling to perceive or understand the true nature of something
100. de___t a scene *v.* to illustrate someone or something in a photograph
101. co_____al combination of funds *adj.* belonging to or used by a group rather than individuals; for common use
102. ar_____e the meeting *v.* to plan, prepare for, and carry out something
103. em_____r my life *v.* to give someone the power or authority to do something
104. full of em_____y *n.* the ability to share another person's feelings or experiences by imagining that person's situation
105. a dental cl___c *n.* a building or hospital department where people can go for medical care or advice, especially of a particular condition

ANSWERS: 94. valley, 95. bulky, 96. transport, 97. vision, 98. statistics, 99. blind, 100. depict, 101. communal, 102. arrange, 103. empower, 104. empathy, 105. clinic

106. a com_____le amount of energy *adj.* able to link the similarities or differences with others; similar or equivalent to someone or something
107. temporary me_____l treatment *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
108. sub_____an countries *adj.* of or relating to or situated in the area south of the Sahara Desert
109. em_____y for patients *n.* the ability to share another person's feelings or experiences by imagining that person's situation
110. fr_____e ecosystem *adj.* delicate or easily broken or damaged
111. a vast inventory of ha_____re *n.* durable tools, machinery, and other equipment; the physical and electronic parts of a computer or other electronic systems
112. b__k data transfer *n.* the quantity or size of something that is very large; the main part of something
113. 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
114. re_____e one word with another *v.* to take the place of something
115. official sta_____cs *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
116. di_____se the problem *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis

ANSWERS: 106. comparable, 107. medical, 108. sub-Saharan, 109. empathy, 110. fragile, 111. hardware, 112. bulk, 113. patient, 114. replace, 115. statistics, 116. diagnose

117. man_____re a product *v.* to make goods in large numbers, usually in a factory using machines
118. basic br__n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
119. against tr_____on *n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
120. hiking ru_____ck *n.* a type of backpack or knapsack that is typically used for hiking, camping, or other outdoor activities, which has shoulder straps and a compartment for storing gear or personal items
121. hea_____re agency *n.* the organized activity or business of preserving mental and physical health by preventing or treating illness through services offered by the health profession
122. ac_____te measurements *adj.* correct and exact in all details
123. telephone ex_____on *n.* a thing that is added to something to make it longer, larger, or wider; an educational opportunity provided by colleges and universities to people who are not enrolled as regular students; an additional telephone set that is connected to the same telephone line
124. sma_____ne addict *n.* a mobile phone that functions as a computer and connects to the Internet

ANSWERS: 117. manufacture, 118. brain, 119. tradition, 120. rucksack, 121. healthcare, 122. accurate, 123. extension, 124. smartphone

125. the thunder of a ca____ct *n.* a clouding of the lens in the eye that affects vision; a large waterfall
126. ov____me opponents *v.* to succeed in controlling or dealing with something, such as a problem or difficulty; to defeat or overwhelm someone
127. gra____ld development *n.* a child of someone's son or daughter
128. eq__p an army *v.* to provide a person or a place with the things that are needed for a particular purpose or activity
129. ca____ct lens *n.* a clouding of the lens in the eye that affects vision; a large waterfall
130. ha____s a horse to a carriage *v.* to control and exploit the power of something, especially natural resources that produce energy; (noun) a set of narrow pieces of leather and metal that are used to control or hold in place a person, animal, or object

ANSWERS: 125. cataract, 126. overcome, 127. grandchild, 128. equip, 129. cataract, 130. harness

Session 3: Fill in the Blanks

1. Many _____ areas are still impoverished.
adj. of or relating to the countryside
2. Detergent weakens the surface tension at the _____ of two liquids.
n. (computer science) a program that controls a display for the user and that allows the user to interact with the system; (chemistry) a surface forming a common boundary between two things
3. 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
4. Many famous _____ are within walking distance.
n. the ability to see; anything that is seen
5. _____ advances have disrupted many industries.
adj. based on scientific and industrial progress
6. _____ the ceremony was held outdoors.
adv. in accordance with tradition; typically or commonly done in a particular way
7. The _____ furniture made it difficult to move around the small room.
adj. taking up much space or being difficult to move because of its size or weight; large and unwieldy
8. _____ is also necessary to understand history.
n. the ability to share another person's feelings or experiences by imagining that person's situation

ANSWERS: 1. rural, 2. interface, 3. device, 4. sights, 5. Technological, 6. Traditionally, 7. bulky, 8. Empathy

9. The financial industry is notorious for using complicated _____ that confuses consumers.
- n.* specialized language or vocabulary used by a particular group or profession that is often difficult for outsiders to understand; language that is full of technical slang or obscure terms and is often used to obscure or confuse rather than clarify
10. His excellent _____ allowed him to spot the bird in the dense foliage.
- n.* the ability to see; visual acuity or sharpness
11. Eventually, the new design will _____ all older models.
- v.* to take the place of something
12. We have a _____ grasp of this topic.
- adj.* complete and including all or everything necessary
13. Their disagreement caused a _____ in their friendship.
- n.* a break or fissure in a relationship, organization, or physical structure; a large crack in the ground, rock, or other surfaces
14. The grandparents take care of their _____ while the parents are at work.
- n.* a child of someone's son or daughter
15. People have been exploring ways to _____ natural forces and resources since ancient times.
- v.* to control and exploit the power of something, especially natural resources that produce energy; (noun) a set of narrow pieces of leather and metal that are used to control or hold in place a person, animal, or object
16. In an aging population, citizens must pay more to maintain quality _____.
- n.* the organized activity or business of preserving mental and physical health by preventing or treating illness through services offered by the health profession

ANSWERS: 9. jargon, 10. eyesight, 11. replace, 12. comprehensive, 13. rift, 14. grandchild, 15. harness, 16. healthcare

17. She took a quick _____ inside the box before closing it again.
- n.* a quick or furtive look; (verb) to take a quick and secret look at something
18. I received a parcel of great _____.
- n.* the quantity or size of something that is very large; the main part of something
19. 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
20. They are building an _____ to the house to add more bedrooms.
- n.* a thing that is added to something to make it longer, larger, or wider; an educational opportunity provided by colleges and universities to people who are not enrolled as regular students; an additional telephone set that is connected to the same telephone line
21. How can you _____ that the earth is a sphere?
- v.* to display something or give an exhibition to an interested audience
22. Her research team made an important _____.
- n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
23. It is a _____ in many families to have a big Thanksgiving dinner with all their relatives.
- n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
24. 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

ANSWERS: 17. peek, 18. bulk, 19. patient's, 20. extension, 21. demonstrate, 22. discovery, 23. tradition, 24. diagnose

25. 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

26. The company _____ employees to buy low-price items without approval to achieve efficient purchasing.

- v. to give someone the power or authority to do something

27. Gandhi had an _____ zeal for nonviolence.

- adj. perfect or complete or to the most considerable degree possible

28. The majority of synthetic vitamins are _____ from oil.

- v. to make goods in large numbers, usually in a factory using machines

29. The _____ demonstrate that poverty and unemployment are genuine problems.

- n. the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data

30. _____ panels have greatly improved not only in performance but also in durability.

- adj. of, from, or relating to the sun

31. She was nearly _____ due to severe diabetes.

- adj. unable to see; unable or unwilling to perceive or understand the true nature of something

32. The mouse and keyboard are essential _____ for operating a PC.

- n. durable tools, machinery, and other equipment; the physical and electronic parts of a computer or other electronic systems

ANSWERS: 25. develop, 26. empowered, 27. absolute, 28. manufactured, 29. statistics, 30. Solar, 31. blind, 32. hardware

33. 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
34. Damage to the _____ may play a role in the development of glaucoma.
n. the innermost light-sensitive membrane covering the back wall of the eyeball
35. Most cases of the common cold are _____ with rest and over-the-counter medications.
adj. describing an illness or condition that can be treated or remedied to restore health; having the potential to be alleviated or resolved
36. I need to _____ plans with him for the celebration.
v. to plan, prepare for, and carry out something
37. The older man had a _____ removed from his eye, which improved his vision significantly.
n. a clouding of the lens in the eye that affects vision; a large waterfall
38. Thousands of people attended the protest _____ against the proposed policy.
n. a display or show, often of a particular skill or product, intended to convince or persuade others
39. The discovery of a critical bug caused the company to delay the _____ release.
n. (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC
40. The building makes a remarkable _____ impact.
adj. relating to seeing or sight

ANSWERS: 33. disease, 34. retina, 35. curable, 36. arrange, 37. cataract, 38. demonstration, 39. app's, 40. visual

41. Internet traffic volumes have increased significantly with the advent of _____.
- n.* a mobile phone that functions as a computer and connects to the Internet
42. The process was carried out at _____ cost.
- adj.* tiny in amount; the least possible
43. He suffers from _____ breakdowns.
- adj.* worried and anxious about something; relating to the nerves
44. 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
45. We elected him to _____ us at the international conference.
- v.* to speak, act, or be present on behalf of another person or group; to form or constitute
46. She holds a _____ on Tuesday mornings.
- n.* a building or hospital department where people can go for medical care or advice, especially of a particular condition
47. 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
48. _____ elections were held in several European countries.
- adj.* belonging to or used by a group rather than individuals; for common use

ANSWERS: 41. smartphones, 42. minimal, 43. nervous, 44. parameters, 45. represent, 46. clinic, 47. sub-Saharan, 48. Communal

49. I must fill my car with _____ before going on a long road trip.
- n.* a flammable liquid made from petroleum that is used as a fuel in internal combustion engines, commonly known as gasoline in North America
50. The official transcript contains _____ academic records.
- adj.* correct and exact in all details
51. X-rays revealed a small tumor in his _____.
- n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
52. Initially, we must _____ all project-related expenses.
- v.* to study or consider a person or object attentively and thoroughly to learn something about them
53. The vase was made of _____ ceramic and easily broke when it was dropped.
- adj.* delicate or easily broken or damaged
54. He fastens some sheets of paper with a _____.
- n.* a small metal or plastic device used for holding an object or objects together or in place; a short part of electronic media, either an audio clip or video clip
55. His son had accurately _____ the bloom.
- v.* to illustrate someone or something in a photograph
56. Humans and apes have _____ anatomical structures.
- adj.* able to link the similarities or differences with others; similar or equivalent to someone or something

ANSWERS: 49. petrol, 50. accurate, 51. brain, 52. examine, 53. fragile, 54. clip, 55. depicted, 56. comparable

57. 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
58. 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
59. He tried to _____ a bad reputation and win the election.
- v.* to succeed in controlling or dealing with something, such as a problem or difficulty; to defeat or overwhelm someone
60. The _____ team worked quickly to save the patient's life.
- adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
61. I packed my clothes and supplies into my _____ for the camping trip.
- n.* a type of backpack or knapsack that is typically used for hiking, camping, or other outdoor activities, which has shoulder straps and a compartment for storing gear or personal items
62. The _____ had received a mild snowfall the previous week.
- n.* a long depression on the surface of the land, which typically contains a river
63. The robot can accurately _____ construction material.
- v.* to specify or determine the exact position of someone or something
64. The construction company _____ the building with an earthquake-resistant device.
- v.* to provide a person or a place with the things that are needed for a particular purpose or activity

ANSWERS: 57. transportation, 58. vision, 59. overcome, 60. medical, 61. rucksack, 62. valley, 63. locate, 64. equipped

65. The campaign ad was designed with bright colors and bold fonts for maximum _____ impact.

adj. relating to vision or the eyes; relating to or involving light or optics

ANSWERS: 65. optic