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Vocabulary Builder Reference from...

Sean Follmer: Shape-shifting tech will change work as we know it | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

evolve

v. to develop gradually, or to cause the development of something or someone gradually

synonym: develop, mature, grow

(1) **evolve**, (2) **evolve** over the past decade

Eyeless fish **evolved** in dark caves.

ancestor

n. a person from whom one is descended; a forefather

synonym: forebear, forefather, progenitor

(1) **ancestor** language, (2) earliest human **ancestor**

My remote **ancestor** immigrated to the United States from Ireland in the 1800s.

ax

n. a tool with a metal blade that is usually attached to a wooden handle and is used for chopping wood or other materials

synonym: hatchet, chopper, tomahawk

(1) chop wood with an **ax**, (2) an **ax** in the toolbox

He used an **ax** to chop the firewood for the campfire.

sculpt

v. to create a work of art by carving, casting, or other shaping techniques

synonym: carve, mold, shape

(1) **sculpt** an image, (2) **sculpt** prototype

He spent hours every day **sculpting** figures out of clay.

function

n. the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

synonym: purpose, mapping, job

(1) **function** properly, (2) immune **function**

The brain is an incredibly complex organ that controls the body's **function**.

lever

n. a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily

synonym: lifter, crowbar, bar

(1) a gear change **lever**, (2) **lever** for reform

This initiative will be a **lever** for increasing company sales.

dexterity

n. skill and speed in performing physical tasks, especially with the hands; mental skill or adroitness in dealing with situations or problems

synonym: skillfulness, agility, expertise

(1) **dexterity** with the pen, (2) manual **dexterity**

The surgeon's **dexterity** was impressive during the delicate surgery.

manipulate

v. to influence or control something or someone to your advantage, often in an unfair or dishonest way

synonym: control, exploit, abuse

(1) **manipulate** figures, (2) vulnerable to **manipulate**

Please tell me how to **manipulate** this computer.

precision

n. the quality or condition of being exact and accurate

synonym: accuracy, exactness, rigor

(1) a **precision** instrument, (2) speak with **precision**

This operation requires both patience and **precision**.

complexity

n. the state or quality of being complicated or intricate and difficult to understand

synonym: intricacy, sophistication, elaboration

(1) cognitive **complexity**, (2) **complexity** theory

The project's **complexity** made it difficult for the team to complete it on time.

adept

adj. having or showing knowledge and skill and aptitude to do something quite difficult

synonym: proficient, masterful, experienced

(1) **adept** at fishing, (2) **adept** in handicrafts

She is highly **adept** with medical equipment.

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.

attend

v. to be present at an event, to go to a place

synonym: go, be present, accompany

(1) **attend** a meeting, (2) **attend** service

We must **attend** to this matter.

photograph

n. a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film

synonym : photo, picture, snapshot

(1) **photograph** album, (2) **photograph** memories

I found an old **photograph** of my grandparents from their wedding day.

aperture

n. an opening or hole, especially one that is narrow or slitlike

synonym : opening, hole, gap

(1) small- **aperture** telescope, (2) an automatic **aperture**

The camera's **aperture** controls how much light enters the lens.

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.

computation

n. the act or process of calculating something, especially an answer or amount, by using a machine or calculator

synonym : calculation, estimation, arithmetic

(1) parallel **computation**, (2) theory of **computation**

The researcher demonstrated the superiority of quantum **computation** in several mathematical tasks.

dynamic

adj. having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)

synonym : energetic, active, vital

(1) a **dynamic** market, (2) **dynamic** person

The sprinter has a **dynamic** way of running.

static

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

synonym: immobile, unchanging, fixed

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

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

interact

v. to communicate or react with somebody

synonym: cooperate, combine, collaborate

(1) **interact** directly with customers, (2) **interact** with one another

He should **interact** more with his colleagues.

capture

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

synonym: catch, arrest, imprison

(1) **capture** a glimpse, (2) **capture** customers' hearts

I was able to **capture** the moment on film.

physically

adv. in a way related to a person's body or appearance rather than their mind

(1) **physically** and mentally, (2) stay **physically** fit

Having a **physically** healthy physique is essential for a great life.

adapt

v. to make fit for or change to suit a new purpose or environment

synonym: adjust, acclimate, accustom

(1) **adapt** fully to the environment, (2) **adapt** as needed

I advised him to **adapt** to his new surroundings.

lab

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

synonym: workshop, laboratory, research chamber

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

The Prime Minister will pay a courtesy visit to the Nobel

laureate's **lab**.

colleague

n. one of a group of a coworker, especially in a profession or a business

synonym: coworker, associate, fellow

(1) collaborate with **colleagues**, (2) former **colleague**

I decided to seek counseling on the advice of my **colleague**.

visualize

v. to form a mental image or concept of something; to make something visible

synonym: imagine, picture, envision

(1) **visualize** data, (2) **visualize** flying through space

She tried to **visualize** the layout of the new house in her mind.

gesture

n. a movement of the hands, head, or face that express a particular meaning

synonym: motion, expression, gesticulation

(1) **gesture** of goodwill, (2) hand **gesture**

She made a facial **gesture** to express disagreement.

deformation

n. the process of changing the physical shape or form of something, usually due to external forces or pressure

synonym: distortion, warping, contortion

(1) **deformation** at room temperature, (2) **deformation** of structures

Various factors, including pressure, temperature, and the application of external forces, can cause the **deformation** of rocks.

digital

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

synonym: numerical, computerized, cyber

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

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

clay

n. a natural, earthy material that is made up of very small particles of minerals and can be molded when wet and then fired to produce ceramics

synonym : ceramics, pottery, dirt

(1) **clay** animation, (2) soft **clay** ground

The sculptor carefully molded the **clay** into the desired shape.

individual

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

synonym : person, being, self

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

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

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.

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.

urban

adj. relating to or located in a town or city

synonym : metropolitan, civic

(1) **urban** planning, (2) **urban** property owners

Only a small number of **urban** utilities offer sanitation services.

architect

n. a person whose job is to design plans to be used in making something, such as buildings

synonym : creator, designer, planner

(1) landscape **architect**, (2) **architect** of the peace accord

The building **architect** tried to build the house above the tree.

tang

n. a strong, sharp taste or smell; a perceptible or distinctive flavor or aftertaste; a metallic ringing or sound

synonym : flavor, taste, zest

(1) metallic **tang**, (2) the **tang** of a lemon

The **tang** of the ocean breeze was refreshing on a hot summer day.

traffic

n. the movement of vehicles, people, or goods along a route or through a transport system; the amount of such movement in a particular place or at a particular time

synonym : congestion, jam, flow

(1) **traffic** jam, (2) heavy **traffic**

We decided to take a detour to avoid the construction **traffic** on the main road.

display

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

synonym : show, exhibit, present

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

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

remotely

adv. at a distance; not directly or easily accessible

synonym : distantly, remotely, slightly

(1) **remotely** operate, (2) control **remotely**

The company can **remotely** access its employees' computers for troubleshooting purposes.

collaborate

v. to work with someone else to produce or achieve something

synonym: cooperate, unite, get together

(1) **collaborate** with the police, (2) **collaborate** on a press release

She agreed to **collaborate** with him in creating new artwork.

distance

n. the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance

synonym: space, gap, span

(1) driving **distance**, (2) social **distance**

The marathon runner covered a long **distance** in a short amount of time.

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.

transmit

v. to send or forward an electronic signal; to pass something from one person or thing to another

synonym: convey, share, dispatch

(1) **transmit** the disease, (2) **transmit** information

Parents often **transmit** their characteristics to their children.

depth

n. the distance between the top and bottom of something; between the top surface and a distance below it

synonym: deepness, profoundness, extent

(1) **depth** camera, (2) the **depth** of the water

The pond's **depth** was around five feet.

essentially

adv. relating to the essential features or concepts of anything

synonym: fundamentally, basically, virtually

(1) **essentially** correct, (2) become **essentially** same

Essentially, a society is an organism.

linear

adj. of, relating to, or consisting of lines or length; able to be expressed as a straight line, especially on a graph

synonym : straight, direct, right

(1) **linear** trend, (2) a **linear** equation

People tend to make **linear** predictions.

actuate

v. to cause a machine or equipment to start to work

synonym : motivate, spark, drive

(1) **actuate** the circuits, (2) **actuate** a parking brake

A desire for success **actuated** her.

mechanical

adj. operated by a machine, relating to or concerned with machinery or tools

synonym : machinelike, automated, automatic

(1) a **mechanical** style of writing, (2) the influence of **mechanical** action

A **mechanical** engineer is still in demand in many companies.

prop

n. a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something

synonym : support, buttress, column

(1) emotional **prop**, (2) **prop** stick

We have finally lost our last **prop**.

motor

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

synonym : actuator, engine, machine

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

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

circuit

n. (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area

synonym : route, course, rotation

(1) **circuit** breaker, (2) federal **circuit** courts

An intelligent battery has a voltage monitoring **circuit**.

sweatshop

n. a factory or workshop where workers are employed at very low wages and under poor conditions, often characterized by long hours, low pay, and hazardous working conditions

(1) **sweatshop** conditions, (2) **sweatshop** labor

Activists have been pushing for legislation to ban the use of **sweatshops** in the garment industry.

undergraduate

n. a student who is studying for their first degree at a university or other higher education institution

synonym : college student, freshman

(1) engineering **undergraduate**, (2) **undergraduate** course

The class was composed of both **undergraduate** and graduate students.

convinced

adj. completely certain about something; having a strong belief or conviction in a particular religion

synonym : confident, positive, indoctrinated

(1) **convinced** of the idea, (2) **convinced** criminal

The public is **convinced** that the prime minister has committed fraud.

screw

v. to turn something, such as a bolt, with a driver or wrench to tighten or loosen it; (noun) a cylindrical rod with a helical ridge used to fasten things together

synonym : tighten, fix, secure

(1) **screw** the cap, (2) a female **screw**

He had to **screw** the loose knob back onto the cabinet door.

excite

v. to make someone feel suddenly enthusiastic or eager
synonym : thrill, exhilarate, animate

(1) **excite** the crowd, (2) **excite** rebellion

The news of her promotion **excited** her.

increasingly

adv. more and more

synonym : more and more, progressively

(1) **increasingly** become common, (2) face **increasingly** complicated challenges

Our company found it **increasingly** difficult to keep up with the competition.

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.

surf

v. to ride on or through waves while standing or lying down on a board or other object; to search or browse the Internet or other computer networks in a casual or aimless manner

synonym : browse, scan, paddle

(1) **surf** the Internet, (2) **surf** the waves

I'll **surf** the online store to see if I can find that item in a different color.

interaction

n. the act of connecting with someone, mainly when working, playing, or spending time with them

synonym : dealings, exchange, relations

(1) the **interaction** between man and his environment,

(2) **interaction** among human beings

The **interaction** of the two groups is good for brainstorming.

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.

haptic

adj. of or relating to or involving the sense of touch

synonym: tactile, tactual

(1) **haptic** perception, (2) **haptic** feedback

The player controls the game with a joystick or other **haptic** device.

array

n. a large group or collection of things or people, especially one that is impressive or attractive

synonym: collection, display, batch

(1) a two-dimensional **array**, (2) an **array** of troops

The customer on the Internet has to choose one from a formidable **array** of products.

tactile

adj. relating to the sense of touch; tangible or perceptible through the sense of touch

synonym: touchable, tangible, palpable

(1) **tactile** stimulation, (2) **tactile** feedback

The **tactile** sensation of the fabric was soft and smooth to the touch.

vibration

n. a continuous quick and slight shaking movement

synonym: oscillation, fluctuation, reverberation

(1) protection against **vibration**, (2) sympathetic **vibration**

Vibration displaced part of the mechanism.

emerge

v. to move out of or away from something and become visible

synonym : arise, occur, appear

(1) **emerge** as a butterfly, (2) **emerge** from poverty

During colonial eras, new migratory patterns **emerged**.

embed

v. to fix or set firmly in a surrounding mass

synonym : entrench, fix, set

(1) **embed** scripts in the message, (2) **embed** a sensor

The company **embedded** a tracking code in the product's packaging to monitor its shipment.

pneumatic

adj. relating to or using air or gas under pressure, particularly in machinery or devices; operated by compressed air or gas

synonym : air-powered, gas-pressure, compressed-air

(1) **pneumatic** tire, (2) **pneumatic** cylinder

The mechanic used a **pneumatic** drill to repair the engine.

morph

v. to change or cause to change something or someone smoothly and gradually from one thing to another

synonym : alter, modify, transform

(1) **morph** into a different shape, (2) **morph** into something entirely different

This company **morphed** into an enterprise company.

wristband

n. a strip of material worn around the wrist for decoration, support, or identification purposes

synonym : bracelet, sweatband, wristlet

(1) **wristband** watch, (2) festival **wristband**

The nightclub bouncer checked the **wristbands** of everyone entering the premises to ensure their age.

ken

n. knowledge, perception, understanding, or range of sight;
(verb) to be aware of or know

synonym : knowledge, understanding, familiarity

(1) within my **ken**, (2) **ken** of the person

He had a good **ken** of the city and could easily find his way

around.

resolution

n. a firm decision or determination to do or not do something; the action of solving a problem, dispute, or conflict; the quality of being resolved or determined; the clarity and sharpness of an image or display

synonym: determination, decision, settlement

(1) **resolution** of a conflict, (2) display **resolution**

He made a New Year's **resolution** to exercise more and eat healthier.

servo

n. a type of motor or mechanism used to control the position or movement of a machine or device, often used in robotics, automation, and other applications

synonym: actuator, motor, controller

(1) analog **servo**, (2) **servo** controller

A **servo** motor controlled the robot's movements.

interactive

adj. acting reciprocally; mutually responsive

synonym: reciprocal, responsive, mutual

(1) **interactive** experience, (2) an **interactive** device

The new video game has an **interactive** storyline that allows players to make choices that affect the game's outcome.

deform

v. to change or distort the shape or appearance of something; to become misshapen or distorted

synonym: distort, contort, mangle

(1) **deform** the shape, (2) **deform** his way of life

The heat from the fire **deformed** the plastic parts of the appliance.

environment

n. the natural world such as air, water, and land in which humans, animals, and plants live

synonym: atmosphere, surroundings, climate

(1) **environment** affairs, (2) chaotic **environment**

Every human is responsible for taking care of the Earth's **environment**.

transform

v. to change in outward structure or looks;

synonym: alter, convert, change

(1) **transform** an education system, (2) **transform** heat into power

My father's death **transformed** my life completely.

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.

accomplish

v. to finish or achieve something successfully

synonym: achieve, complete, execute

(1) **accomplish** a goal, (2) **accomplish** military operations

Humankind took centuries to **accomplish** true democracy.

conclude

v. to come to an end or close; to reach a judgment or opinion by reasoning

synonym: complete, finish, decide

(1) **conclude** a meeting, (2) **conclude** that he is healthy

We **concluded** a cease-fire.

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.

spatial

adj. of or relating space and the position, area, and size of things

synonym: dimensional, geographical

(1) **spatial** ability, (2) **spatial** distribution

He carefully determined the **spatial** relations of every piece of the stage set.

Session 2: Spelling

1. 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
2. medical l_b
n. a workplace for the conduct of scientific research; a laboratory
3. soft c__y ground
n. a natural, earthy material that is made up of very small particles of minerals and can be molded when wet and then fired to produce ceramics
4. ta____e stimulation
adj. relating to the sense of touch; tangible or perceptible through the sense of touch
5. cognitive com____ty
n. the state or quality of being complicated or intricate and difficult to understand
6. at___d a meeting
v. to be present at an event, to go to a place
7. s__f the Internet
v. to ride on or through waves while standing or lying down on a board or other object; to search or browse the Internet or other computer networks in a casual or aimless manner
8. sympathetic vi____on
n. a continuous quick and slight shaking movement
9. co____ed of the idea
adj. completely certain about something; having a strong belief or conviction in a particular religion

ANSWERS: 1. develop, 2. lab, 3. clay, 4. tactile, 5. complexity, 6. attend, 7. surf, 8. vibration, 9. convinced

10. ev___e *v.* to develop gradually, or to cause the development of something or someone gradually
11. af___d a high travel cost *v.* to have enough money or time to be able to buy or do something
12. ad__t as needed *v.* to make fit for or change to suit a new purpose or environment
13. ar_____ct of the peace accord *n.* a person whose job is to design plans to be used in making something, such as buildings
14. sw_____op conditions *n.* a factory or workshop where workers are employed at very low wages and under poor conditions, often characterized by long hours, low pay, and hazardous working conditions
15. tr_____it information *v.* to send or forward an electronic signal; to pass something from one person or thing to another
16. an ax in the toolbox *n.* a tool with a metal blade that is usually attached to a wooden handle and is used for chopping wood or other materials
17. ad__t at fishing *adj.* having or showing knowledge and skill and aptitude to do something quite difficult
18. vulnerable to man_____te *v.* to influence or control something or someone to your advantage, often in an unfair or dishonest way
19. di_____l electronic signature *adj.* processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet

ANSWERS: 10. evolve, 11. afford, 12. adapt, 13. architect, 14. sweatshop, 15. transmit, 16. ax, 17. adept, 18. manipulate, 19. digital

20. former co_____ue *n.* one of a group of a coworker, especially in a profession or a business
21. pho_____ph memories *n.* a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film
22. se__o controller *n.* a type of motor or mechanism used to control the position or movement of a machine or device, often used in robotics, automation, and other applications
23. ess_____ly correct *adv.* relating to the essential features or concepts of anything
24. display res_____on *n.* a firm decision or determination to do or not do something; the action of solving a problem, dispute, or conflict; the quality of being resolved or determined; the clarity and sharpness of an image or display
25. mo__h into a different shape *v.* to change or cause to change something or someone smoothly and gradually from one thing to another
26. in_____ct directly with customers *v.* to communicate or react with somebody
27. co_____ed criminal *adj.* completely certain about something; having a strong belief or conviction in a particular religion
28. the de__h of the water *n.* the distance between the top and bottom of something; between the top surface and a distance below it

ANSWERS: 20. colleague, 21. photograph, 22. servo, 23. essentially, 24. resolution, 25. morph, 26. interact, 27. convinced, 28. depth

29. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
30. ge_____e of goodwill *n.* a movement of the hands, head, or face that express a particular meaning
31. theory of com_____on *n.* the act or process of calculating something, especially an answer or amount, by using a machine or calculator
32. tra_____lly sung at a banquet *adv.* in accordance with tradition; typically or commonly done in a particular way
33. an ar__y of troops *n.* a large group or collection of things or people, especially one that is impressive or attractive
34. an int_____ve device *adj.* acting reciprocally; mutually responsive
35. small-ap_____re telescope *n.* an opening or hole, especially one that is narrow or slitlike
36. social di_____ce *n.* the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance
37. st___c website *adj.* not moving or not capable of moving, not changing or not capable of changing
38. tra_____lly accepted concept *adv.* in accordance with tradition; typically or commonly done in a particular way
39. sw_____op labor *n.* a factory or workshop where workers are employed at very low wages and under poor conditions, often characterized by long hours, low pay, and hazardous working conditions

ANSWERS: 29. environment, 30. gesture, 31. computation, 32. traditionally, 33. array, 34. interactive, 35. aperture, 36. distance, 37. static, 38. traditionally, 39. sweatshop

40. sc__w the cap *v.* to turn something, such as a bolt, with a driver or wrench to tighten or loosen it; (noun) a cylindrical rod with a helical ridge used to fasten things together
41. stay phy_____ly fit *adv.* in a way related to a person's body or appearance rather than their mind
42. 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
43. parallel com_____on *n.* the act or process of calculating something, especially an answer or amount, by using a machine or calculator
44. a mec_____al style of writing *adj.* operated by a machine, relating to or concerned with machinery or tools
45. em___e from poverty *v.* to move out of or away from something and become visible
46. ur__n planning *adj.* relating to or located in a town or city
47. dy_____c person *adj.* having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)
48. acc_____sh a goal *v.* to finish or achieve something successfully
49. ca_____e a glimpse *v.* to catch a person or an animal and confine them in an area which they cannot escape

ANSWERS: 40. screw, 41. physically, 42. tradition, 43. computation, 44. mechanical, 45. emerge, 46. urban, 47. dynamic, 48. accomplish, 49. capture

50. s__f the waves
v. to ride on or through waves while standing or lying down on a board or other object; to search or browse the Internet or other computer networks in a casual or aimless manner
51. protection against vi_____on
n. a continuous quick and slight shaking movement
52. inc_____gly become common
adv. more and more
53. pn_____ic cylinder
adj. relating to or using air or gas under pressure, particularly in machinery or devices; operated by compressed air or gas
54. sp_____l distribution
adj. of or relating space and the position, area, and size of things
55. sp_____l ability
adj. of or relating space and the position, area, and size of things
56. 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
57. an automatic ap_____re
n. an opening or hole, especially one that is narrow or slitlike
58. a di_____l watch
adj. processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet
59. fu_____on properly
n. the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

ANSWERS: 50. surf, 51. vibration, 52. increasingly, 53. pneumatic, 54. spatial, 55.

spatial, 56. tradition, 57. aperture, 58. digital, 59. function

60. tr____it the disease *v.* to send or forward an electronic signal; to pass something from one person or thing to another
61. immune fu____on *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
62. st___c electricity *adj.* not moving or not capable of moving, not changing or not capable of changing
63. man_____te figures *v.* to influence or control something or someone to your advantage, often in an unfair or dishonest way
64. k_n of the person *n.* knowledge, perception, understanding, or range of sight; (verb) to be aware of or know
65. def_____on at room temperature *n.* the process of changing the physical shape or form of something, usually due to external forces or pressure
66. pa_____er estimation *n.* a numerical or other measurable factors that characterize a system or set of data
67. analog se__o *n.* a type of motor or mechanism used to control the position or movement of a machine or device, often used in robotics, automation, and other applications

ANSWERS: 60. transmit, 61. function, 62. static, 63. manipulate, 64. ken, 65. deformation, 66. parameter, 67. servo

68. festival wr_____nd *n.* a strip of material worn around the wrist for decoration, support, or identification purposes
69. vi_____ze flying through space *v.* to form a mental image or concept of something; to make something visible
70. af____d to buy a new car *v.* to have enough money or time to be able to buy or do something
71. ind_____al freedom *n.* a single person or thing, as distinct from a group
72. ur__n property owners *adj.* relating to or located in a town or city
73. tr_____rm heat into power *v.* to change in outward structure or looks;
74. sc____t prototype *v.* to create a work of art by carving, casting, or other shaping techniques
75. de____m his way of life *v.* to change or distort the shape or appearance of something; to become misshapen or distorted
76. DC mo__r control *n.* a device that converts electricity, fuel, etc. into movement and makes a machine, vehicle, etc. work
77. 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
78. federal ci_____t courts *n.* (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area

ANSWERS: 68. wristband, 69. visualize, 70. afford, 71. individual, 72. urban, 73. transform, 74. sculpt, 75. deform, 76. motor, 77. harness, 78. circuit

79. c__y animation *n.* a natural, earthy material that is made up of very small particles of minerals and can be molded when wet and then fired to produce ceramics
80. sc___t an image *v.* to create a work of art by carving, casting, or other shaping techniques
81. ac_____e a parking brake *v.* to cause a machine or equipment to start to work
82. an_____or language *n.* a person from whom one is descended; a forefather
83. phy_____ly and mentally *adv.* in a way related to a person's body or appearance rather than their mind
84. 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
85. tr_____c jam *n.* the movement of vehicles, people, or goods along a route or through a transport system; the amount of such movement in a particular place or at a particular time
86. ta_____e feedback *adj.* relating to the sense of touch; tangible or perceptible through the sense of touch
87. electronic de___e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

ANSWERS: 79. clay, 80. sculpt, 81. actuate, 82. ancestor, 83. physically, 84. interface, 85. traffic, 86. tactile, 87. device

88. ad__t fully to the environment *v.* to make fit for or change to suit a new purpose or environment
89. col_____te on a press release *v.* to work with someone else to produce or achieve something
90. def_____on of structures *n.* the process of changing the physical shape or form of something, usually due to external forces or pressure
91. le__r for reform *n.* a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily
92. ad__t in handicrafts *adj.* having or showing knowledge and skill and aptitude to do something quite difficult
93. metallic t__g *n.* a strong, sharp taste or smell; a perceptible or distinctive flavor or aftertaste; a metallic ringing or sound
94. pa_____er tuning *n.* a numerical or other measurable factors that characterize a system or set of data
95. the characters that re_____nt numbers *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
96. p__p stick *n.* a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something
97. co_____de a meeting *v.* to come to an end or close; to reach a judgment or opinion by reasoning

ANSWERS: 88. adapt, 89. collaborate, 90. deformation, 91. lever, 92. adept, 93. tang, 94. parameter, 95. represent, 96. prop, 97. conclude

98. a private ind_____al *n.* a single person or thing, as distinct from a group
99. engineering und_____ate *n.* a student who is studying for their first degree at a university or other higher education institution
100. de___m the shape *v.* to change or distort the shape or appearance of something; to become misshapen or distorted
101. co_____de that he is healthy *v.* to come to an end or close; to reach a judgment or opinion by reasoning
102. acc_____sh military operations *v.* to finish or achieve something successfully
103. vi_____ze data *v.* to form a mental image or concept of something; to make something visible
104. re_____ly operate *adv.* at a distance; not directly or easily accessible
105. hand ge_____e *n.* a movement of the hands, head, or face that express a particular meaning
106. become ess_____ly same *adv.* relating to the essential features or concepts of anything
107. li___r trend *adj.* of, relating to, or consisting of lines or length; able to be expressed as a straight line, especially on a graph
108. a pr_____on instrument *n.* the quality or condition of being exact and accurate
109. earliest human an_____or *n.* a person from whom one is descended; a forefather
110. tracking de___e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

ANSWERS: 98. individual, 99. undergraduate, 100. deform, 101. conclude, 102. accomplish, 103. visualize, 104. remotely, 105. gesture, 106. essentially, 107. linear, 108. precision, 109. ancestor, 110. device

111. fun_____al rights *adj.* forming an essential base or core from which everything else develops or is affected
112. ac_____e the circuits *v.* to cause a machine or equipment to start to work
113. em___d a sensor *v.* to fix or set firmly in a surrounding mass
114. ex___e the crowd *v.* to make someone feel suddenly enthusiastic or eager
115. a mo___r mechanic *n.* a device that converts electricity, fuel, etc. into movement and makes a machine, vehicle, etc. work
116. ev___e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually
117. in_____ct with one another *v.* to communicate or react with somebody
118. ci_____t breaker *n.* (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area
119. re_____nt by a diagram *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
120. 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

ANSWERS: 111. fundamental, 112. actuate, 113. embed, 114. excite, 115. motor, 116. evolve, 117. interact, 118. circuit, 119. represent, 120. develop

121. a gear change le__r *n.* a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily
122. wr_____nd watch *n.* a strip of material worn around the wrist for decoration, support, or identification purposes
123. di_____y artwork *v.* to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value
124. the influence of mec_____al action *adj.* operated by a machine, relating to or concerned with machinery or tools
125. chop wood with an ax *n.* a tool with a metal blade that is usually attached to a wooden handle and is used for chopping wood or other materials
126. speak with pr_____on *n.* the quality or condition of being exact and accurate
127. pn_____ic tire *adj.* relating to or using air or gas under pressure, particularly in machinery or devices; operated by compressed air or gas
128. di_____y merchandise *v.* to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value
129. pho_____ph album *n.* a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film

ANSWERS: 121. lever, 122. wristband, 123. display, 124. mechanical, 125. ax, 126. precision, 127. pneumatic, 128. display, 129. photograph

130. heavy tr____c *n.* the movement of vehicles, people, or goods along a route or through a transport system; the amount of such movement in a particular place or at a particular time
131. emotional p__p *n.* a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something
132. fun_____al education *adj.* forming an essential base or core from which everything else develops or is affected
133. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
134. int_____on among human beings *n.* the act of connecting with someone, mainly when working, playing, or spending time with them
135. landscape ar_____ct *n.* a person whose job is to design plans to be used in making something, such as buildings
136. a two-dimensional ar__y *n.* a large group or collection of things or people, especially one that is impressive or attractive
137. l_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
138. a female sc__w *v.* to turn something, such as a bolt, with a driver or wrench to tighten or loosen it; (noun) a cylindrical rod with a helical ridge used to fasten things together

ANSWERS: 130. traffic, 131. prop, 132. fundamental, 133. environment, 134. interaction, 135. architect, 136. array, 137. lab, 138. screw

139. driving di____ce *n.* the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance
140. the int_____on between man and his environment *n.* the act of connecting with someone, mainly when working, playing, or spending time with them
141. mo__h into something entirely different *v.* to change or cause to change something or someone smoothly and gradually from one thing to another
142. de_____ty with the pen *n.* skill and speed in performing physical tasks, especially with the hands; mental skill or adroitness in dealing with situations or problems
143. manual de_____ty *n.* skill and speed in performing physical tasks, especially with the hands; mental skill or adroitness in dealing with situations or problems
144. 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
145. em__d scripts in the message *v.* to fix or set firmly in a surrounding mass
146. 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: 139. distance, 140. interaction, 141. morph, 142. dexterity, 143. dexterity, 144. interface, 145. embed, 146. harness

147. und_____ate course *n.* a student who is studying for their first degree at a university or other higher education institution
148. de__h camera *n.* the distance between the top and bottom of something; between the top surface and a distance below it
149. ha___c feedback *adj.* of or relating to or involving the sense of touch
150. control re_____ly *adv.* at a distance; not directly or easily accessible
151. int_____ve experience *adj.* acting reciprocally; mutually responsive
152. res_____on of a conflict *n.* a firm decision or determination to do or not do something; the action of solving a problem, dispute, or conflict; the quality of being resolved or determined; the clarity and sharpness of an image or display
153. tr_____rm an education system *v.* to change in outward structure or looks;
154. within my k_n *n.* knowledge, perception, understanding, or range of sight; (verb) to be aware of or know
155. ex___e rebellion *v.* to make someone feel suddenly enthusiastic or eager
156. a dy_____c market *adj.* having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)

ANSWERS: 147. undergraduate, 148. depth, 149. haptic, 150. remotely, 151. interactive, 152. resolution, 153. transform, 154. ken, 155. excite, 156. dynamic

157. ca____e customers' hearts *v.* to catch a person or an animal and confine them in an area which they cannot escape
158. collaborate with co_____ues *n.* one of a group of a coworker, especially in a profession or a business
159. col_____te with the police *v.* to work with someone else to produce or achieve something
160. the t__g of a lemon *n.* a strong, sharp taste or smell; a perceptible or distinctive flavor or aftertaste; a metallic ringing or sound
161. at____d service *v.* to be present at an event, to go to a place
162. com_____ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
163. face inc_____gly complicated challenges *adv.* more and more
164. ha____c perception *adj.* of or relating to or involving the sense of touch
165. em____e as a butterfly *v.* to move out of or away from something and become visible
166. a li____r equation *adj.* of, relating to, or consisting of lines or length; able to be expressed as a straight line, especially on a graph

ANSWERS: 157. capture, 158. colleague, 159. collaborate, 160. tang, 161. attend, 162. complexity, 163. increasingly, 164. haptic, 165. emerge, 166. linear

Session 3: Fill in the Blanks

1. 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
2. I advised him to _____ to his new surroundings.
v. to make fit for or change to suit a new purpose or environment
3. Sensors convert physical phenomena into _____ signals.
adj. processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet
4. The company can _____ access its employees' computers for troubleshooting purposes.
adv. at a distance; not directly or easily accessible
5. Eyeless fish _____ in dark caves.
v. to develop gradually, or to cause the development of something or someone gradually
6. She is highly _____ with medical equipment.
adj. having or showing knowledge and skill and aptitude to do something quite difficult
7. He had a good ____ of the city and could easily find his way around.
n. knowledge, perception, understanding, or range of sight; (verb) to be aware of or know

ANSWERS: 1. interface, 2. adapt, 3. digital, 4. remotely, 5. evolved, 6. adept, 7. ken

8. The _____ sensation of the fabric was soft and smooth to the touch.
adj. relating to the sense of touch; tangible or perceptible through the sense of touch
9. He cannot _____ a holiday.
v. to have enough money or time to be able to buy or do something
10. The _____ of the ocean breeze was refreshing on a hot summer day.
n. a strong, sharp taste or smell; a perceptible or distinctive flavor or aftertaste; a metallic ringing or sound
11. Only a small number of _____ utilities offer sanitation services.
adj. relating to or located in a town or city
12. The camera's _____ controls how much light enters the lens.
n. an opening or hole, especially one that is narrow or slitlike
13. 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
14. Every human is responsible for taking care of the Earth's _____.
n. the natural world such as air, water, and land in which humans, animals, and plants live
15. Please tell me how to _____ this computer.
v. to influence or control something or someone to your advantage, often in an unfair or dishonest way

ANSWERS: 8. tactile, 9. afford, 10. tang, 11. urban, 12. aperture, 13. device, 14. environment, 15. manipulate

16. We decided to take a detour to avoid the construction _____ on the main road.
- n.* the movement of vehicles, people, or goods along a route or through a transport system; the amount of such movement in a particular place or at a particular time
17. The researcher demonstrated the superiority of quantum _____ in several mathematical tasks.
- n.* the act or process of calculating something, especially an answer or amount, by using a machine or calculator
18. We need to _____ our products in an attractive way to attract customers.
- v.* to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value
19. The company _____ a tracking code in the product's packaging to monitor its shipment.
- v.* to fix or set firmly in a surrounding mass
20. The _____ of the two groups is good for brainstorming.
- n.* the act of connecting with someone, mainly when working, playing, or spending time with them
21. I found an old _____ of my grandparents from their wedding day.
- n.* a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film
22. He carefully determined the _____ relations of every piece of the stage set.
- adj.* of or relating space and the position, area, and size of things

ANSWERS: 16. traffic, 17. computation, 18. display, 19. embedded, 20. interaction, 21. photograph, 22. spatial

23. The project's _____ made it difficult for the team to complete it on time.
n. the state or quality of being complicated or intricate and difficult to understand
24. We must _____ to this matter.
v. to be present at an event, to go to a place
25. The public is _____ that the prime minister has committed fraud.
adj. completely certain about something; having a strong belief or conviction in a particular religion
26. A _____ motor controlled the robot's movements.
n. a type of motor or mechanism used to control the position or movement of a machine or device, often used in robotics, automation, and other applications
27. The class was composed of both _____ and graduate students.
n. a student who is studying for their first degree at a university or other higher education institution
28. _____ displaced part of the mechanism.
n. a continuous quick and slight shaking movement
29. The heat from the fire _____ the plastic parts of the appliance.
v. to change or distort the shape or appearance of something; to become misshapen or distorted
30. A desire for success _____ her.
v. to cause a machine or equipment to start to work
31. This initiative will be a _____ for increasing company sales.
n. a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily

ANSWERS: 23. complexity, 24. attend, 25. convinced, 26. servo, 27. undergraduate, 28. Vibration, 29. deformed, 30. actuated, 31. lever

32. She tried to _____ the layout of the new house in her mind.

v. to form a mental image or concept of something; to make something visible

33. Parents often _____ their characteristics to their children.

v. to send or forward an electronic signal; to pass something from one person or thing to another

34. Our company found it _____ difficult to keep up with the competition.

adv. more and more

35. Having a _____ healthy physique is essential for a great life.

adv. in a way related to a person's body or appearance rather than their mind

36. The mechanic used a _____ drill to repair the engine.

adj. relating to or using air or gas under pressure, particularly in machinery or devices; operated by compressed air or gas

37. 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

38. A _____ engineer is still in demand in many companies.

adj. operated by a machine, relating to or concerned with machinery or tools

39. He spent hours every day _____ figures out of clay.

v. to create a work of art by carving, casting, or other shaping techniques

40. My father's death _____ my life completely.

v. to change in outward structure or looks;

ANSWERS: 32. visualize, 33. transmit, 34. increasingly, 35. physically, 36. pneumatic, 37. represent, 38. mechanical, 39. sculpting, 40. transformed

41. 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
42. He had to _____ the loose knob back onto the cabinet door.
- v.* to turn something, such as a bolt, with a driver or wrench to tighten or loosen it;
(noun) a cylindrical rod with a helical ridge used to fasten things together
43. The sprinter has a _____ way of running.
- adj.* having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)
44. The Prime Minister will pay a courtesy visit to the Nobel laureate's _____.
- n.* a workplace for the conduct of scientific research; a laboratory
45. I'll _____ the online store to see if I can find that item in a different color.
- v.* to ride on or through waves while standing or lying down on a board or other object; to search or browse the Internet or other computer networks in a casual or aimless manner
46. The sculptor carefully molded the _____ into the desired shape.
- n.* a natural, earthy material that is made up of very small particles of minerals and can be molded when wet and then fired to produce ceramics
47. This company _____ into an enterprise company.
- v.* to change or cause to change something or someone smoothly and gradually from one thing to another

ANSWERS: 41. parameters, 42. screw, 43. dynamic, 44. lab, 45. surf, 46. clay, 47. morphed

48. The marathon runner covered a long _____ in a short amount of time.
- n.* the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance
49. Humankind took centuries to _____ true democracy.
- v.* to finish or achieve something successfully
50. People tend to make _____ predictions.
- adj.* of, relating to, or consisting of lines or length; able to be expressed as a straight line, especially on a graph
51. Energy-efficient _____ are needed to maximize the cruising distance of electric vehicles.
- n.* a device that converts electricity, fuel, etc. into movement and makes a machine, vehicle, etc. work
52. As an _____ he had the right to make his own decisions and live his life as he saw fit.
- n.* a single person or thing, as distinct from a group
53. The news of her promotion _____ her.
- v.* to make someone feel suddenly enthusiastic or eager
54. The _____ image on the screen took a lot of work to make out.
- adj.* not moving or not capable of moving, not changing or not capable of changing
55. Various factors, including pressure, temperature, and the application of external forces, can cause the _____ of rocks.
- n.* the process of changing the physical shape or form of something, usually due to external forces or pressure

ANSWERS: 48. distance, 49. accomplish, 50. linear, 51. motors, 52. individual, 53. excited, 54. static, 55. deformation

56. My remote _____ immigrated to the United States from Ireland in the 1800s.
n. a person from whom one is descended; a forefather
57. She agreed to _____ with him in creating new artwork.
v. to work with someone else to produce or achieve something
58. Human behavior has _____ characteristics.
adj. forming an essential base or core from which everything else develops or is affected
59. An intelligent battery has a voltage monitoring _____.
n. (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area
60. We have finally lost our last _____.
n. a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something
61. The building _____ tried to build the house above the tree.
n. a person whose job is to design plans to be used in making something, such as buildings
62. 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
63. He should _____ more with his colleagues.
v. to communicate or react with somebody

ANSWERS: 56. ancestor, 57. collaborate, 58. fundamental, 59. circuit, 60. prop, 61. architect, 62. develop, 63. interact

64. I was able to _____ the moment on film.

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

65. She made a facial _____ to express disagreement.

- n.* a movement of the hands, head, or face that express a particular meaning

66. The player controls the game with a joystick or other _____ device.

- adj.* of or relating to or involving the sense of touch

67. The surgeon's _____ was impressive during the delicate surgery.

- n.* skill and speed in performing physical tasks, especially with the hands; mental skill or adroitness in dealing with situations or problems

68. The customer on the Internet has to choose one from a formidable _____ of products.

- n.* a large group or collection of things or people, especially one that is impressive or attractive

69. This operation requires both patience and _____.

- n.* the quality or condition of being exact and accurate

70. The nightclub bouncer checked the _____ of everyone entering the premises to ensure their age.

- n.* a strip of material worn around the wrist for decoration, support, or identification purposes

71. 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

ANSWERS: 64. capture, 65. gesture, 66. haptic, 67. dexterity, 68. array, 69. precision, 70. wristbands, 71. tradition

72. During colonial eras, new migratory patterns _____.

v. to move out of or away from something and become visible

73. He made a New Year's _____ to exercise more and eat healthier.

n. a firm decision or determination to do or not do something; the action of solving a problem, dispute, or conflict; the quality of being resolved or determined; the clarity and sharpness of an image or display

74. _____ the ceremony was held outdoors.

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

75. _____ a society is an organism.

adv. relating to the essential features or concepts of anything

76. We _____ a cease-fire.

v. to come to an end or close; to reach a judgment or opinion by reasoning

77. 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

78. He used an ___ to chop the firewood for the campfire.

n. a tool with a metal blade that is usually attached to a wooden handle and is used for chopping wood or other materials

79. I decided to seek counseling on the advice of my _____.

n. one of a group of a coworker, especially in a profession or a business

ANSWERS: 72. emerged, 73. resolution, 74. Traditionally, 75. Essentially, 76. concluded, 77. harness, 78. ax, 79. colleague

80. Activists have been pushing for legislation to ban the use of _____ in the garment industry.

- n.* a factory or workshop where workers are employed at very low wages and under poor conditions, often characterized by long hours, low pay, and hazardous working conditions

81. The pond's _____ was around five feet.

- n.* the distance between the top and bottom of something; between the top surface and a distance below it

82. The new video game has an _____ storyline that allows players to make choices that affect the game's outcome.

- adj.* acting reciprocally; mutually responsive

83. The brain is an incredibly complex organ that controls the body's _____.

- n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

ANSWERS: 80. sweatshops, 81. depth, 82. interactive, 83. function