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Vocabulary Builder Reference from...

Diego Prilusky: How volumetric video brings a new dimension to filmmaking | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

filmmaking

n. the process or art of making movies

synonym: movie-making, film production, cinema

(1) **filmmaking** industry, (2) retire from **filmmaking**

The history of **filmmaking** dates back to the late 19th century when motion pictures were first shown to audiences.

dimension

n. a measurable extent of a particular kind, such as width, height, or length

synonym: extent, measurement, size

(1) new **dimension**, (2) the crosswise **dimension**

Overall **dimensions** are approximately 400x200mm.

mindset

n. the established set of attitudes or fixed ideas held by someone

synonym: attitude, ethos, mentality

(1) flexible **mindset**, (2) the **mindset** in an education system

Countries whose goal is economic development often focus on fostering an entrepreneurial **mindset** in each individual.

possibility

n. a chance that something may happen or be true

synonym: chance, prospect, likelihood

(1) **possibility** for growth, (2) **possibility** of a major earthquake

The **possibility** of getting the disease will drastically increase.

fiction

n. the type of book or story, especially novels, that describes imaginary events and people; anything made up or imagined that is not true

synonym: fantasy, fable, invention

(1) stuff of science **fiction**, (2) non- **fiction** bestseller

Truth is stranger than **fiction**.

emotional

adj. relating to people's feelings

synonym: affecting, impactful, impressive

(1) **emotional** health, (2) **emotional** distress

Human **emotional** responses vary widely depending on the society to which they belong.

craft

n. an activity that requires a particular skill in making things with one's hands

synonym: art, skill, workmanship

(1) **craft** arts of Japan, (2) **craft** manufacture

His hometown was where he first acquired the **craft** of wood carving.

frame

n. a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window

synonym: body, skeleton, scaffolding

(1) a picture **frame**, (2) the **frame** of the policy

The detective looked for fingerprints on the window **frame**.

emotion

n. a strong feeling such as love, anger, etc. deriving from one's situation, mood, or relationships with others

synonym: feeling, sentiment, passion

(1) control my **emotion**, (2) afraid to show **emotion**

Some **emotions** are common across cultures and

backgrounds.

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.

composition

n. the different parts of something's elements or ingredients; the way in which the different components are organized; a piece of music written by someone

synonym: creating, formatting, arrangement

(1) age **composition** of the population, (2) the piano passages in the **composition**

Their innovative concepts were consistent across their bodies of **composition**.

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.

parallax

n. the apparent shift in the position of an object when viewed from two different perspectives, caused by differences in vantage point or angle of observation; the effect of an observing instrument that produces apparent displacement or shift of an object or its parts

synonym: shift, displacement, difference

(1) optical **parallax**, (2) **parallax** error

The **parallax** of the star was measured to determine its distance from Earth.

foreground

n. the part of a view, picture, etc., that is nearest to the viewer

(1) **foreground** segmentation, (2) **foreground** galaxy

A happy group of friends occupies the **foreground** of the picture.

background

n. the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem

synonym : ground, experience, backdrop

(1) a **background** color, (2) a criminal **background**

The company's hiring criteria emphasize personality, not a person's **background**.

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.

navigation

n. the act of directing a ship or airplane from place to place; advice or information intended to resolve a problem or challenge, especially as given by someone in authority

synonym : sailing, seafaring, pilotage

(1) **navigation** system, (2) visual **navigation**

The plane's **navigation** system had problems, which mechanics found.

perspective

n. a confident attitude toward something; a particular style of thinking about something

synonym : viewpoint, standpoint, outlook

(1) a **perspective** view, (2) the **perspective** of the battle

His father's death changed his whole **perspective** on life.

generate

v. to produce or create something; to make offspring by reproduction

synonym : create, yield, produce

(1) **generate** more electricity, (2) **generate** \$100 a month
The economic stimulation program would **generate** a lot of new jobs.

tremendous

adj. very great in degree or extent or amount or impact; extremely good

synonym: enormous, giant, immense

(1) **tremendous** amount, (2) **tremendous** popularity

We had a **tremendous** time yesterday.

realistic

adj. having or showing a sensible and practical idea that is possible to achieve

synonym: practical, pragmatic, down-to-earth

(1) a **realistic** goal, (2) a **realistic** goal

That story was so **realistic**, and it was scary.

onstage

adv. onto or on a stage in a theater; in front of an audience

(1) appeared **onstage**, (2) walk **onstage**

He performed his magic trick **onstage**, leaving the audience in awe.

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.

immerse

v. to become fully involved in a particular activity; to dip or submerge in a liquid, especially so that they or it are entirely covered

synonym: dip, inundate, submerge

(1) **immerse** the cloth in the dye, (2) completely **immerse** the ingredient

He **immersed** himself in his research.

panoramic

adj. relating to an unobstructed and wide view of an extensive area; all-encompassing

synonym: expansive, wide-ranging, scenic

(1) **panoramic** landscape, (2) **panoramic** camera

We hiked to the top of the hill for a **panoramic** view of the city below.

aspect

n. one part or feature of a situation, problem, subject, etc.

synonym: characteristic, element, factor

(1) nontechnical **aspects** of the job, (2) **aspects** of social, political, and economic life

His professional experience includes all **aspects** of media production.

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**.

surround

v. to be all around something or somebody

synonym: encircle, encompass, envelop

(1) **surround** a town, (2) a stone wall **surrounds** the palace

On three sides, mountains **surround** the settlement.

enormous

adj. extremely large or great

synonym: huge, giant, gigantic

(1) **enormous** amount, (2) **enormous** potential

Shakespeare's output of poetry was **enormous**.

sensor

n. a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner

synonym: detector

(1) motion **sensor** lighting, (2) an image **sensor**

This automatic door could no longer be opened due to a

sensor failure.

afterward

adv. after the time mentioned

synonym : later, thereafter, following

(1) a few years **afterward**, (2) go there **afterward**

We will explain the countermeasure concerning this problem **afterward**.

setup

n. the arrangement or organization of something, often with a specific purpose or intention; a scheme or plan that is intended to deceive or trick someone

synonym : arrangement, installation, organization

(1) office **setup**, (2) network **setup**

The **setup** for the conference was impressive and professional.

technological

adj. based on scientific and industrial progress

synonym : specialized, technical

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

Technological advances have disrupted many industries.

advancement

n. the development, improvement, or progress of something

synonym : progression, breakthrough, improvement

(1) **advancement** of knowledge, (2) career **advancement**

Competition between countries resulted in fast technological **advancement**.

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.

reconstruct

v. to build or form something again that has been damaged or destroyed

synonym : rebuild, revamp, reorganize

(1) **reconstruct** an image, (2) **reconstruct** the original text

They've decided to **reconstruct** a ruined castle.

volume

n. the amount of space occupied by an object or substance; the magnitude of sound

synonym : capacity, amount, intensity

(1) **volume** of work, (2) high **volume**

This container has a **volume** of 10 cubic meters.

volumetric

adj. relating to or measured by volume, which refers to the amount of space occupied by an object or substance

synonym : dimensional, spatial, cubic

(1) **volumetric** flow rate, (2) **volumetric** analysis

The 3D printer uses **volumetric** calculations to determine the material needed for each print job.

voxel

n. a 3D pixel (= a small but volumetric unit) in a three-dimensional space defined by x-, y-, and z-coordinates; a digital image element representing a tiny cube in a 3D picture, with its color and brightness determined by the values assigned to the voxels in its vicinity

synonym : 3d pixel, volumetric pixel

(1) **voxel** engine, (2) 3D **voxel** model

Doctors used **voxel-based** imaging to create a 3D model of the patient's brain.

pixel

n. the smallest unit of an image that can be displayed or manipulated electronically, typically a point of light on a computer screen or in a digital image

synonym : dot, point, picture element

(1) **pixel** density, (2) color **pixels**

The computer screen comprises thousands of tiny **pixels** that create the overall picture.

cube

n. a three-dimensional shape with six square faces that are all equal in size; (of mathematics) the result of multiplying the number by itself three times

synonym : block, square, cell

(1) **cube** root, (2) ice **cube**

I cut the cheese into small **cubes** for the salad.

render

v. to bring someone or something into a particular state; to provide something such as service, help, etc.

synonym : deliver, give, provide

(1) **render** an assessment, (2) **render** the contract void

The jury must **render** a decision on this complex case.

insane

adj. extremely stupid, crazy, or dangerous; mentally ill

synonym : crazy, mad, foolish

(1) go **insane** with pleasure, (2) an **insane** scheme

Her excessive demands drove me **insane**.

process

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

synonym : procedure, method, system

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

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

numerous

adj. amounting to a large indefinite number

synonym : many, considerable, countless

(1) **numerous** countries, (2) as **numerous** as the sand

These descriptions are based on a number of **numerous** assumptions.

install

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

synonym : establish, inaugurate, lodge

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

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

crazy

adj. stupid or not sensible; very angry

synonym : insane, absurd, bizarre

(1) **crazy** about cars and racing, (2) a **crazy** scheme

The rain and thunder are **crazy** today.

chamber

n. a large room used for a formal, public, or particular purpose; one of the parts of a parliament

synonym : association, cabin, legislature

(1) a gas **chamber**, (2) the lower **chamber**

The surgeon made an incision in the **chambers** of the patient's heart.

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.

deploy

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

synonym : set up, expand, launch

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

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

intelligence

n. the ability to learn, comprehend, or make judgments or conclusions based on reasons

synonym : brains, brightness, cleverness

(1) an **intelligence** test, (2) field of artificial **intelligence**

In terms of **intelligence**, he was head and shoulders above his classmates.

supercomputer

n. a computer with a high level of computing power and speed, typically used for scientific or engineering computations that require immense amounts of data processing

synonym : high-performance computer, mainframe, giant computer

(1) **supercomputer** performance, (2) **supercomputer** technology

China has developed one of the world's fastest **supercomputers** for its space program.

studio

n. a room or building where creative or artistic work is produced; a television or radio production company

synonym : workshop, atelier, room

(1) a photo **studio**, (2) music **studio**

She works at a recording **studio** in Los Angeles.

explore

v. to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it

synonym : analyze, delve into, examine

(1) **explore** the world, (2) **explore** our options

The management must **explore** strategies to increase office security.

dirt

n. soil, dust, or any substance that makes a surface not clean; the part of the earth's surface consisting of humus and disintegrated rock

synonym : filth, grime, muck

(1) **dirt** road, (2) **dirt** track

The garden was filled with **dirt** and needed to be tilled before planting.

flawless

adj. without any imperfections or errors; perfect or impeccable in appearance or performance

synonym : perfect, impeccable, faultless

(1) **flawless** execution, (2) **flawless** performance

The football team had a **flawless** season and went

undefeated all year.

visible

adj. capable of being seen; or open to easy view

synonym : clear, observable, seeable

(1) **visible** stars, (2) **visible** by X-ray

My home is easily **visible** from the shore.

punch

v. to strike someone or something with one's fist; to make a hole in something

synonym : hit, strike, slap

(1) **punch** out numbers, (2) **punch** a ticket

He **punched** the wall in anger.

immense

adj. extremely large or great

synonym : enormous, giant, huge

(1) **immense** amount, (2) **immense** pressure

He left his wife an **immense** fortune.

scan

v. to examine something hastily, with the eyes or with a machine, to get information

synonym : look over, scrutinize, browse

(1) **scan** the face of the man, (2) **scan** a document into PDF

She stood on the podium and **scanned** an audience.

perceive

v. to become aware or conscious of something through the senses

synonym : sense, discern, feel

(1) **perceive** a threat, (2) **perceive** light

Australia is widely **perceived** as having low levels of corruption.

emit

v. to give off or send out something such as light, heat, sound, gas, etc.

synonym : give off, radiate, expel

(1) **emit** a gamma ray, (2) **emit** air pollution

During the unloading, the container box **emits** a clicking

sound.

obvious

adj. easy to see, discover or understand

synonym : apparent, conspicuous, evident

(1) **obvious** reasons, (2) his conclusion was **obvious**

There are **obvious** differences between the two wine-producing regions.

storytelling

n. the act or art of narrating or writing stories

synonym : narrating, relating, recounting

(1) **storytelling** performance, (2) courtroom **storytelling**

She was skilled in **storytelling** techniques, such as using different voices for other characters.

methodology

n. a set of ways or principles of doing, teaching, or studying something

synonym : procedure, approach, process

(1) **methodology** for optimizing, (2) research **methodology**

We are developing a new **methodology** for assessing marketing measures.

narrative

n. a story or a description of a series of events or process of telling a story

synonym : the tale, chronology, annals

(1) **narrative** poetry, (2) personal **narrative**

The **narrative** handles multiple plot lines and has unpredictable ends.

surrounding

adj. that is near or around, or closely encircling something

synonym : circumferent, encircling, neighboring

(1) **surrounding** areas, (2) a fence **surrounding** a castle

The **surrounding** mountains make the city difficult to be invaded.

gallop

v. (of a horse) to run very quickly so that all four feet come off the ground together; to proceed very quickly

synonym :

canter, race, bound

(1) **gallop** a horse, (2) **gallop** off at top speed

The horse **galloped** across the field at a fast pace.

unlimited

adj. without any limits or restrictions

synonym: unrestricted, boundless, limitless

(1) **unlimited** liability, (2) **unlimited** resources

An **unlimited** data plan is a popular option for heavy internet users.

canvas

n. the heavy, closely woven fabric used for making tents, sails, etc. and by artists for painting on

(1) blank **canvas**, (2) oil on **canvas**

Life is a vast **canvas**; you should put as much paint on it as possible.

exploration

n. the activity of searching and finding out about something through a place

synonym: inquiry, quest, investigation

(1) future of space **exploration**, (2) an Arctic **exploration**

He called for a careful **exploration** of the consequences.

paramount

adj. more important than anything else; having superior power and influence or the highest position

synonym: central, major, crucial

(1) the lord **paramount**, (2) **paramount** to all the others

This country became a country of **paramount** geostrategic importance to us.

reimagine

v. to imagine or conceive of something in a new or different way

synonym: re-conceptualize, re-envision, re-create

(1) **reimagine** the future, (2) **reimagine** the possibilities

The company is trying to **reimagine** its business model to stay competitive.

icon

n. a picture or statue of a holy person considered to be a sacred thing; a little icon on the screen of a computer or smartphone that denotes an application or a file

synonym : figure, hero, idol

(1) **icon** for young people, (2) television **icon**

Some comic book characters are considered gay **icons**.

grease

n. a thick, oily substance used to lubricate machines, surfaces, or moving parts; fat or oil used in cooking

synonym : oil, lubricant, fat

(1) cooking **grease**, (2) mechanical **grease**

The engine wouldn't turn over until we applied **grease** to the starter.

amazing

adj. extremely surprising, especially in a way that you like or admire

synonym : exceptional, extraordinary, wonderful

(1) **amazing** advances, (2) the most **amazing** feeling

The golfer recorded an **amazing** distance.

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.

augment

v. to increase the size, extent, quantity, etc. of something by adding something to it

synonym : boost, increase, expand

(1) **augment** the reality, (2) **augment** immunity

Economic factors and monetary policy **augmented** inflation.

resolve

v. to find a suitable answer to the problems or difficulty

synonym : decide, determine, fix

(1) **resolve** a dispute, (2) **resolve** the computer error

This company **resolves** its battery problem completely.

sandy

adj. covered with or containing sand; (especially of hair color) pale yellowish to yellowish brown

synonym: arenaceous, sandlike

(1) miles of **sandy** beaches, (2) **sandy** hair

The rain rapidly soaked into the **sandy** soil.

stud

n. a small object with a head on one end and a sharp point on the other, used for fastening clothing, leather, or other materials; an animal used for breeding, typically a male horse or bull that is of superior breeding stock; (verb) to decorate or adorn with studs; to provide with studs for support

synonym: beam, scantling, framing

(1) horse **stud**, (2) wall **stud**

He bought a new **stud** to attach the strap to his watch.

singe

v. to burn something slightly or superficially, usually by mistake

synonym: sear, char, burn

(1) **singe** off the hair over the flames, (2) **singe** the edges of a fabric

I didn't realize the iron was still hot and **singed** my dress.

chill

n. a feeling of coldness that makes one shiver; (verb) to make cool or cooler

synonym: coldness, coolness, (verb) freeze

(1) the **chill** of autumn, (2) feel a slight **chill**

His swear words cast a **chill** on the party.

multiply

v. to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity

synonym: boost, amplify, reproduce

(1) **multiply** 5 and 6, (2) **multiply** about hundredfold

Multiply a number by itself twice.

electrify

v. to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something

synonym: wire, amaze, astonish

(1) **electrify** the audience, (2) **electrify** a manufacturing process

The product developed through years of research continues to **electrify** the market.

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.

enhance

v. to increase or improve the quality, amount, or strength of someone or something

synonym: improve, enrich, refine

(1) **enhance** value, (2) **enhance** the flavor of the vanilla

The new strategy will **enhance** the profitability of our company.

exciting

adj. causing a lot of interest or excitement

synonym: exhilarating, stimulating, thrilling

(1) **exciting** football player, (2) **exciting** news

The findings of the experiment were both **exciting** and unexpected.

threshold

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

synonym: anteroom, brink, verge

(1) the **threshold** between rooms, (2) high pain **threshold**

She's on the **threshold** of adulthood.

define

v. to state or explain precisely the nature, scope, or meaning of something

synonym: characterize, depict, express

(1) **define** a word, (2) **define** my position

To advance this discussion, we must **define** "success" rigorously.

invite

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

synonym: ask, request, summon

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

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

Session 2: Spelling

1. ex_____e our options
v. to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it
2. afraid to show em_____n
n. a strong feeling such as love, anger, etc. deriving from one's situation, mood, or relationships with others
3. an int_____nce test
n. the ability to learn, comprehend, or make judgments or conclusions based on reasons
4. horse s__d
n. a small object with a head on one end and a sharp point on the other, used for fastening clothing, leather, or other materials; an animal used for breeding, typically a male horse or bull that is of superior breeding stock; (verb) to decorate or adorn with studs; to provide with studs for support
5. vi_____e stars
adj. capable of being seen; or open to easy view
6. pr_____s improvement
n. a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

ANSWERS: 1. explore, 2. emotion, 3. intelligence, 4. stud, 5. visible, 6. process

7. tre_____us amount *adj.* very great in degree or extent or amount or impact; extremely good
8. re_____e a dispute *v.* to find a suitable answer to the problems or difficulty
9. pa_____ax error *n.* the apparent shift in the position of an object when viewed from two different perspectives, caused by differences in vantage point or angle of observation; the effect of an observing instrument that produces apparent displacement or shift of an object or its parts
10. an Arctic exp_____on *n.* the activity of searching and finding out about something through a place
11. mu_____ly 5 and 6 *v.* to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity
12. ice c__e *n.* a three-dimensional shape with six square faces that are all equal in size; (of mathematics) the result of multiplying the number by itself three times
13. fl_____ss performance *adj.* without any imperfections or errors; perfect or impeccable in appearance or performance
14. in___e criticism *v.* to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place
15. appeared on_____e *adv.* onto or on a stage in a theater; in front of an audience

ANSWERS: 7. tremendous, 8. resolve, 9. parallax, 10. exploration, 11. multiply, 12. cube, 13. flawless, 14. invite, 15. onstage

16. el_____fy a manufacturing process *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
17. in___e guests *v.* to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place
18. en_____e value *v.* to increase or improve the quality, amount, or strength of someone or something
19. de__h camera *n.* the distance between the top and bottom of something; between the top surface and a distance below it
20. au_____t the reality *v.* to increase the size, extent, quantity, etc. of something by adding something to it
21. mechanical gr_____e *n.* a thick, oily substance used to lubricate machines, surfaces, or moving parts; fat or oil used in cooking
22. music st___o *n.* a room or building where creative or artistic work is produced; a television or radio production company
23. in_____l a door *v.* to fix furniture, a machine, or a piece of equipment into position so that it can be used; put into an office or a position
24. si__e the edges of a fabric *v.* to burn something slightly or superficially, usually by mistake
25. the th_____ld between rooms *n.* the floor or ground that forms the bottom of a doorway and offers support when passing through a doorway; the smallest detectable sensation

ANSWERS: 16. electrify, 17. invite, 18. enhance, 19. depth, 20. augment, 21. grease, 22. studio, 23. install, 24. singe, 25. threshold

26. in_____l a chairperson *v.* to fix furniture, a machine, or a piece of equipment into position so that it can be used; put into an office or a position
27. a fence sur_____ng a castle *adj.* that is near or around, or closely encircling something
28. ex_____e the world *v.* to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it
29. go in_____e with pleasure *adj.* extremely stupid, crazy, or dangerous; mentally ill
30. cr__t manufacture *n.* an activity that requires a particular skill in making things with one's hands
31. rec_____ct the original text *v.* to build or form something again that has been damaged or destroyed
32. for_____nd segmentation *n.* the part of a view, picture, etc., that is nearest to the viewer
33. stuff of science fi_____n *n.* the type of book or story, especially novels, that describes imaginary events and people; anything made up or imagined that is not true
34. go there af_____rd *adv.* after the time mentioned
35. re____r an assessment *v.* to bring someone or something into a particular state; to provide something such as service, help, etc.
36. s__n the face of the man *v.* to examine something hastily, with the eyes or with a machine, to get information

ANSWERS: 26. install, 27. surrounding, 28. explore, 29. insane, 30. craft, 31. reconstruct, 32. foreground, 33. fiction, 34. afterward, 35. render, 36. scan

37. cr__t arts of Japan *n.* an activity that requires a particular skill in making things with one's hands
38. tec_____cal advancement *adj.* based on scientific and industrial progress
39. s__n a document into PDF *v.* to examine something hastily, with the eyes or with a machine, to get information
40. un_____ed resources *adj.* without any limits or restrictions
41. future of space exp_____on *n.* the activity of searching and finding out about something through a place
42. im_____e amount *adj.* extremely large or great
43. as__ts of social, political, and economic life *n.* one part or feature of a situation, problem, subject, etc.
44. tracking de___e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
45. the mi_____t in an education system *n.* the established set of attitudes or fixed ideas held by someone
46. re_____ne the possibilities *v.* to imagine or conceive of something in a new or different way
47. visual nav_____on *n.* the act of directing a ship or airplane from place to place; advice or information intended to resolve a problem or challenge, especially as given by someone in authority
48. a re_____ic goal *adj.* having or showing a sensible and practical idea that is possible to achieve

ANSWERS: 37. craft, 38. technological, 39. scan, 40. unlimited, 41. exploration, 42. immense, 43. aspect, 44. device, 45. mindset, 46. reimagine, 47. navigation, 48. realistic

49. en____e the flavor of the vanilla *v.* to increase or improve the quality, amount, or strength of someone or something
50. vo____e of work *n.* the amount of space occupied by an object or substance; the magnitude of sound
51. tre____us popularity *adj.* very great in degree or extent or amount or impact; extremely good
52. ge____te more electricity *v.* to produce or create something; to make offspring by reproduction
53. a gas ch____r *n.* a large room used for a formal, public, or particular purpose; one of the parts of a parliament
54. adv____nt of knowledge *n.* the development, improvement, or progress of something
55. d__t track *n.* soil, dust, or any substance that makes a surface not clean; the part of the earth's surface consisting of humus and disintegrated rock
56. am____g advances *adj.* extremely surprising, especially in a way that you like or admire
57. ge____te \$100 a month *v.* to produce or create something; to make offspring by reproduction
58. career adv____nt *n.* the development, improvement, or progress of something
59. 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

ANSWERS: 49. enhance, 50. volume, 51. tremendous, 52. generate, 53. chamber, 54. advancement, 55. dirt, 56. amazing, 57. generate, 58. advancement, 59. tradition

60. age com_____on of the population
n. the different parts of something's elements or ingredients; the way in which the different components are organized; a piece of music written by someone
61. field of artificial int_____nce
n. the ability to learn, comprehend, or make judgments or conclusions based on reasons
62. the crosswise di_____on
n. a measurable extent of a particular kind, such as width, height, or length
63. new di_____on
n. a measurable extent of a particular kind, such as width, height, or length
64. pa_____ic landscape
adj. relating to an unobstructed and wide view of an extensive area; all-encompassing
65. fl_____ss execution
adj. without any imperfections or errors; perfect or impeccable in appearance or performance
66. non-fi_____n bestseller
n. the type of book or story, especially novels, that describes imaginary events and people; anything made up or imagined that is not true
67. sup_____ter performance
n. a computer with a high level of computing power and speed, typically used for scientific or engineering computations that require immense amounts of data processing
68. de___y troops for battle
v. to move troops or weapons into a position or military action; to bring into something in an effective way

ANSWERS: 60. composition, 61. intelligence, 62. dimension, 63. dimension, 64. panoramic, 65. flawless, 66. fiction, 67. supercomputer, 68. deploy

69. de___e a word
v. to state or explain precisely the nature, scope, or meaning of something
70. em_____al health
adj. relating to people's feelings
71. 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
72. vol_____ic flow rate
adj. relating to or measured by volume, which refers to the amount of space occupied by an object or substance
73. courtroom sto_____ing
n. the act or art of narrating or writing stories
74. ga___p off at top speed
v. (of a horse) to run very quickly so that all four feet come off the ground together; to proceed very quickly
75. vi_____e by X-ray
adj. capable of being seen; or open to easy view
76. pa_____nt to all the others
adj. more important than anything else; having superior power and influence or the highest position
77. oil on ca___s
n. the heavy, closely woven fabric used for making tents, sails, etc. and by artists for painting on
78. sup_____ter technology
n. a computer with a high level of computing power and speed, typically used for scientific or engineering computations that require immense amounts of data processing

ANSWERS: 69. define, 70. emotional, 71. photograph, 72. volumetric, 73. storytelling, 74. gallop, 75. visible, 76. paramount, 77. canvas, 78. supercomputer

79. tra_____lly sung at a banquet *adv.* in accordance with tradition; typically or commonly done in a particular way
80. na_____ve poetry *n.* a story or a description of a series of events or process of telling a story
81. nu_____us countries *adj.* amounting to a large indefinite number
82. ca_____e a glimpse *v.* to catch a person or an animal and confine them in an area which they cannot escape
83. mu_____ly about hundredfold *v.* to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity
84. cr__y about cars and racing *adj.* stupid or not sensible; very angry
85. de___e my position *v.* to state or explain precisely the nature, scope, or meaning of something
86. pi__l density *n.* the smallest unit of an image that can be displayed or manipulated electronically, typically a point of light on a computer screen or in a digital image
87. lo___e a tumor *v.* to specify or determine the exact position of someone or something
88. fil_____ng industry *n.* the process or art of making movies
89. vo__l engine *n.* a 3D pixel (= a small but volumetric unit) in a three-dimensional space defined by x-, y-, and z- coordinates; a digital image element representing a tiny cube in a 3D picture, with its color and brightness determined by the values assigned to the voxels in its vicinity

ANSWERS: 79. traditionally, 80. narrative, 81. numerous, 82. capture, 83. multiply, 84. crazy, 85. define, 86. pixel, 87. locate, 88. filmmaking, 89. voxel

90. the most am____g feeling *adj.* extremely surprising, especially in a way that you like or admire
91. network se__p *n.* the arrangement or organization of something, often with a specific purpose or intention; a scheme or plan that is intended to deceive or trick someone
92. si__e off the hair over the flames *v.* to burn something slightly or superficially, usually by mistake
93. feel a slight ch__l *n.* a feeling of coldness that makes one shiver; (verb) to make cool or cooler
94. re____e a phone *v.* to take the place of something
95. the piano passages in the com_____on *n.* the different parts of something's elements or ingredients; the way in which the different components are organized; a piece of music written by someone
96. flexible mi_____t *n.* the established set of attitudes or fixed ideas held by someone
97. vol_____ic analysis *adj.* relating to or measured by volume, which refers to the amount of space occupied by an object or substance
98. ex_____ng news *adj.* causing a lot of interest or excitement
99. ca_____e customers' hearts *v.* to catch a person or an animal and confine them in an area which they cannot escape
100. a few years af_____rd *adv.* after the time mentioned
101. pos_____ty of a major earthquake *n.* a chance that something may happen or be true

ANSWERS: 90. amazing, 91. setup, 92. singe, 93. chill, 94. replace, 95. composition, 96. mindset, 97. volumetric, 98. exciting, 99. capture, 100. afterward, 101. possibility

102. blank ca___s *n.* the heavy, closely woven fabric used for making tents, sails, etc. and by artists for painting on
103. su_____nd a town *v.* to be all around something or somebody
104. em_____al distress *adj.* relating to people's feelings
105. re_____ne the future *v.* to imagine or conceive of something in a new or different way
106. ex_____ng football player *adj.* causing a lot of interest or excitement
107. his conclusion was ob_____s *adj.* easy to see, discover or understand
108. pe_____ve light *v.* to become aware or conscious of something through the senses
109. the ch___l of autumn *n.* a feeling of coldness that makes one shiver; (verb) to make cool or cooler
110. pos_____ty for growth *n.* a chance that something may happen or be true
111. im_____e the cloth in the dye *v.* to become fully involved in a particular activity; to dip or submerge in a liquid, especially so that they or it are entirely covered
112. ga___p a horse *v.* (of a horse) to run very quickly so that all four feet come off the ground together; to proceed very quickly
113. office se__p *n.* the arrangement or organization of something, often with a specific purpose or intention; a scheme or plan that is intended to deceive or trick someone

ANSWERS: 102. canvas, 103. surround, 104. emotional, 105. reimagine, 106. exciting, 107. obvious, 108. perceive, 109. chill, 110. possibility, 111. immerse, 112. gallop, 113. setup

114. pa_____ic camera *adj.* relating to an unobstructed and wide view of an extensive area; all-encompassing
115. re_____e the computer error *v.* to find a suitable answer to the problems or difficulty
116. c__e root *n.* a three-dimensional shape with six square faces that are all equal in size; (of mathematics) the result of multiplying the number by itself three times
117. personal na_____ve *n.* a story or a description of a series of events or process of telling a story
118. high vo_____e *n.* the amount of space occupied by an object or substance; the magnitude of sound
119. as nu_____us as the sand *adj.* amounting to a large indefinite number
120. de_____y safety measures *v.* to move troops or weapons into a position or military action; to bring into something in an effective way
121. ob_____s reasons *adj.* easy to see, discover or understand
122. i__n for young people *n.* a picture or statue of a holy person considered to be a sacred thing; a little icon on the screen of a computer or smartphone that denotes an application or a file
123. re_____e one word with another *v.* to take the place of something
124. en_____us potential *adj.* extremely large or great

ANSWERS: 114. panoramic, 115. resolve, 116. cube, 117. narrative, 118. volume, 119. numerous, 120. deploy, 121. obvious, 122. icon, 123. replace, 124. enormous

125. au____t immunity *v.* to increase the size, extent, quantity, etc. of something by adding something to it
126. wall s__d *n.* a small object with a head on one end and a sharp point on the other, used for fastening clothing, leather, or other materials; an animal used for breeding, typically a male horse or bull that is of superior breeding stock; (verb) to decorate or adorn with studs; to provide with studs for support
127. for_____nd galaxy *n.* the part of a view, picture, etc., that is nearest to the viewer
128. lo___e a missing pet *v.* to specify or determine the exact position of someone or something
129. a cr__y scheme *adj.* stupid or not sensible; very angry
130. retire from fil_____ng *n.* the process or art of making movies
131. control my em_____n *n.* a strong feeling such as love, anger, etc. deriving from one's situation, mood, or relationships with others
132. miles of sa__y beaches *adj.* covered with or containing sand; (especially of hair color) pale yellowish to yellowish brown
133. a per_____ve view *n.* a confident attitude toward something; a particular style of thinking about something
134. a bac_____nd color *n.* the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem

ANSWERS: 125. augment, 126. stud, 127. foreground, 128. locate, 129. crazy, 130. filmmaking, 131. emotion, 132. sandy, 133. perspective, 134. background

135. rec_____ct an image *v.* to build or form something again that has been damaged or destroyed
136. e__t a gamma ray *v.* to give off or send out something such as light, heat, sound, gas, etc.
137. met_____gy for optimizing *n.* a set of ways or principles of doing, teaching, or studying something
138. a picture fr__e *n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
139. nontechnical as____ts of the job *n.* one part or feature of a situation, problem, subject, etc.
140. motion se____r lighting *n.* a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner
141. high pain th_____ld *n.* the floor or ground that forms the bottom of a doorway and offers support when passing through a doorway; the smallest detectable sensation
142. the lower ch____r *n.* a large room used for a formal, public, or particular purpose; one of the parts of a parliament
143. em____e from poverty *v.* to move out of or away from something and become visible
144. e__t air pollution *v.* to give off or send out something such as light, heat, sound, gas, etc.
145. a stone wall su____nds the palace *v.* to be all around something or somebody

ANSWERS: 135. reconstruct, 136. emit, 137. methodology, 138. frame, 139. aspect, 140. sensor, 141. threshold, 142. chamber, 143. emerge, 144. emit, 145. surround

146. sto_____ing performance *n.* the act or art of narrating or writing stories
147. 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
148. pe_____ve a threat *v.* to become aware or conscious of something through the senses
149. walk on_____e *adv.* onto or on a stage in a theater; in front of an audience
150. em_____e as a butterfly *v.* to move out of or away from something and become visible
151. optical pa_____ax *n.* the apparent shift in the position of an object when viewed from two different perspectives, caused by differences in vantage point or angle of observation; the effect of an observing instrument that produces apparent displacement or shift of an object or its parts
152. a photo st_____o *n.* a room or building where creative or artistic work is produced; a television or radio production company
153. 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
154. sur_____ng areas *adj.* that is near or around, or closely encircling something
155. the fr____e of the policy *n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window

ANSWERS: 146. storytelling, 147. photograph, 148. perceive, 149. onstage, 150. emerge, 151. parallax, 152. studio, 153. depth, 154. surrounding, 155. frame

156. the per_____ve of the battle *n.* a confident attitude toward something; a particular style of thinking about something
157. 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
158. research met_____gy *n.* a set of ways or principles of doing, teaching, or studying something
159. television i__n *n.* a picture or statue of a holy person considered to be a sacred thing; a little icon on the screen of a computer or smartphone that denotes an application or a file
160. an image se____r *n.* a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner
161. completely im_____e the ingredient *v.* to become fully involved in a particular activity; to dip or submerge in a liquid, especially so that they or it are entirely covered
162. un_____ed liability *adj.* without any limits or restrictions
163. cooking gr____e *n.* a thick, oily substance used to lubricate machines, surfaces, or moving parts; fat or oil used in cooking
164. nav_____on system *n.* the act of directing a ship or airplane from place to place; advice or information intended to resolve a problem or challenge, especially as given by someone in authority

ANSWERS: 156. perspective, 157. tradition, 158. methodology, 159. icon, 160. sensor, 161. immerse, 162. unlimited, 163. grease, 164. navigation

165. sa__y hair *adj.* covered with or containing sand; (especially of hair color) pale yellowish to yellowish brown
166. pu__h out numbers *v.* to strike someone or something with one's fist; to make a hole in something
167. pu__h a ticket *v.* to strike someone or something with one's fist; to make a hole in something
168. an in___e scheme *adj.* extremely stupid, crazy, or dangerous; mentally ill
169. 3D vo__l model *n.* a 3D pixel (= a small but volumetric unit) in a three-dimensional space defined by x-, y-, and z- coordinates; a digital image element representing a tiny cube in a 3D picture, with its color and brightness determined by the values assigned to the voxels in its vicinity
170. tec_____cal policy *adj.* based on scientific and industrial progress
171. tra_____lly accepted concept *adv.* in accordance with tradition; typically or commonly done in a particular way
172. en___us amount *adj.* extremely large or great
173. re___r the contract void *v.* to bring someone or something into a particular state; to provide something such as service, help, etc.
174. a criminal bac_____nd *n.* the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem

ANSWERS: 165. sandy, 166. punch, 167. punch, 168. insane, 169. voxel, 170. technological, 171. traditionally, 172. enormous, 173. render, 174. background

175. color pi__ls
n. the smallest unit of an image that can be displayed or manipulated electronically, typically a point of light on a computer screen or in a digital image
176. the lord pa_____nt
adj. more important than anything else; having superior power and influence or the highest position
177. decision-making pr_____s
n. a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
178. d__t road
n. soil, dust, or any substance that makes a surface not clean; the part of the earth's surface consisting of humus and disintegrated rock
179. el_____fy the audience
v. to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
180. im_____e pressure
adj. extremely large or great
181. electronic de___e
n. a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

ANSWERS: 175. pixel, 176. paramount, 177. process, 178. dirt, 179. electrify, 180. immense, 181. device

Session 3: Fill in the Blanks

1. The rain rapidly soaked into the _____ soil.

adj. covered with or containing sand; (especially of hair color) pale yellowish to yellowish brown

2. The 3D printer uses _____ calculations to determine the material needed for each print job.

adj. relating to or measured by volume, which refers to the amount of space occupied by an object or substance

3. The _____ of the star was measured to determine its distance from Earth.

n. the apparent shift in the position of an object when viewed from two different perspectives, caused by differences in vantage point or angle of observation; the effect of an observing instrument that produces apparent displacement or shift of an object or its parts

4. The _____ for applying for a visa can be lengthy and complicated.

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

5. Some _____ are common across cultures and backgrounds.

n. a strong feeling such as love, anger, etc. deriving from one's situation, mood, or relationships with others

6. _____ advances have disrupted many industries.

adj. based on scientific and industrial progress

ANSWERS: 1. sandy, 2. volumetric, 3. parallax, 4. process, 5. emotions, 6. Technological

7. Her excessive demands drove me _____.
adj. extremely stupid, crazy, or dangerous; mentally ill
8. Life is a vast _____ you should put as much paint on it as possible.
n. the heavy, closely woven fabric used for making tents, sails, etc. and by artists for painting on
9. This automatic door could no longer be opened due to a _____ failure.
n. a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner
10. Some comic book characters are considered gay _____.
n. a picture or statue of a holy person considered to be a sacred thing; a little icon on the screen of a computer or smartphone that denotes an application or a file
11. Countries whose goal is economic development often focus on fostering an entrepreneurial _____ in each individual.
n. the established set of attitudes or fixed ideas held by someone
12. He _____ himself in his research.
v. to become fully involved in a particular activity; to dip or submerge in a liquid, especially so that they or it are entirely covered
13. That story was so _____ and it was scary.
adj. having or showing a sensible and practical idea that is possible to achieve
14. The _____ handles multiple plot lines and has unpredictable ends.
n. a story or a description of a series of events or process of telling a story

ANSWERS: 7. insane, 8. canvas;, 9. sensor, 10. icons, 11. mindset, 12. immersed, 13. realistic, 14. narrative

15. He called for a careful _____ of the consequences.
n. the activity of searching and finding out about something through a place
16. She stood on the podium and _____ an audience.
v. to examine something hastily, with the eyes or with a machine, to get information
17. The new president was _____ immediately after the national election.
v. to fix furniture, a machine, or a piece of equipment into position so that it can be used; put into an office or a position
18. He _____ the wall in anger.
v. to strike someone or something with one's fist; to make a hole in something
19. China has developed one of the world's fastest _____ for its space program.
n. a computer with a high level of computing power and speed, typically used for scientific or engineering computations that require immense amounts of data processing
20. The findings of the experiment were both _____ and unexpected.
adj. causing a lot of interest or excitement
21. Shakespeare's output of poetry was _____.
adj. extremely large or great
22. He performed his magic trick _____ leaving the audience in awe.
adv. onto or on a stage in a theater; in front of an audience

ANSWERS: 15. exploration, 16. scanned, 17. installed, 18. punched, 19. supercomputers, 20. exciting, 21. enormous, 22. onstage,

23. The horse _____ across the field at a fast pace.

- v.* (of a horse) to run very quickly so that all four feet come off the ground together; to proceed very quickly

24. Economic factors and monetary policy _____ inflation.

- v.* to increase the size, extent, quantity, etc. of something by adding something to it

25. 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

26. The golfer recorded an _____ distance.

- adj.* extremely surprising, especially in a way that you like or admire

27. These descriptions are based on a number of _____ assumptions.

- adj.* amounting to a large indefinite number

28. We will explain the countermeasure concerning this problem _____.

- adv.* after the time mentioned

29. I cut the cheese into small _____ for the salad.

- n.* a three-dimensional shape with six square faces that are all equal in size; (of mathematics) the result of multiplying the number by itself three times

30. He bought a new _____ to attach the strap to his watch.

- n.* a small object with a head on one end and a sharp point on the other, used for fastening clothing, leather, or other materials; an animal used for breeding, typically a male horse or bull that is of superior breeding stock; (verb) to decorate or adorn with studs; to provide with studs for support

ANSWERS: 23. galloped, 24. augmented, 25. tradition, 26. amazing, 27. numerous, 28. afterward, 29. cubes, 30. stud

31. His professional experience includes all _____ of media production.
n. one part or feature of a situation, problem, subject, etc.
32. They've decided to _____ a ruined castle.
v. to build or form something again that has been damaged or destroyed
33. During the unloading, the container box _____ a clicking sound.
v. to give off or send out something such as light, heat, sound, gas, etc.
34. The company's hiring criteria emphasize personality, not a person's _____.
n. the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem
35. 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
36. Australia is widely _____ as having low levels of corruption.
v. to become aware or conscious of something through the senses
37. We had a _____ time yesterday.
adj. very great in degree or extent or amount or impact; extremely good
38. To advance this discussion, we must _____ "success" rigorously.
v. to state or explain precisely the nature, scope, or meaning of something
39. His hometown was where he first acquired the _____ of wood carving.
n. an activity that requires a particular skill in making things with one's hands

ANSWERS: 31. aspects, 32. reconstruct, 33. emits, 34. background, 35. capture, 36. perceived, 37. tremendous, 38. define, 39. craft

40. His father's death changed his whole _____ on life.
n. a confident attitude toward something; a particular style of thinking about something
41. A happy group of friends occupies the _____ of the picture.
n. the part of a view, picture, etc., that is nearest to the viewer
42. An _____ data plan is a popular option for heavy internet users.
adj. without any limits or restrictions
43. The new strategy will _____ the profitability of our company.
v. to increase or improve the quality, amount, or strength of someone or something
44. This country became a country of _____ geostrategic importance to us.
adj. more important than anything else; having superior power and influence or the highest position
45. We are developing a new _____ for assessing marketing measures.
n. a set of ways or principles of doing, teaching, or studying something
46. 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
47. This company _____ its battery problem completely.
v. to find a suitable answer to the problems or difficulty
48. This country _____ its weapons in the east region.
v. to move troops or weapons into a position or military action; to bring into something in an effective way

ANSWERS: 40. perspective, 41. foreground, 42. unlimited, 43. enhance, 44. paramount, 45. methodology, 46. device, 47. resolves, 48. deployed

49. The management must _____ strategies to increase office security.
- v.* to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it
50. In terms of _____ he was head and shoulders above his classmates.
- n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons
51. Overall _____ are approximately 400x200mm.
- n.* a measurable extent of a particular kind, such as width, height, or length
52. She's on the _____ of adulthood.
- n.* the floor or ground that forms the bottom of a doorway and offers support when passing through a doorway; the smallest detectable sensation
53. The detective looked for fingerprints on the window _____.
- n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
54. I didn't realize the iron was still hot and _____ my dress.
- v.* to burn something slightly or superficially, usually by mistake
55. The computer screen comprises thousands of tiny _____ that create the overall picture.
- n.* the smallest unit of an image that can be displayed or manipulated electronically, typically a point of light on a computer screen or in a digital image
56. The _____ of getting the disease will drastically increase.
- n.* a chance that something may happen or be true

ANSWERS: 49. explore, 50. intelligence, 51. dimensions, 52. threshold, 53. frame, 54. singed, 55. pixels, 56. possibility

57. The rain and thunder are _____ today.

adj. stupid or not sensible; very angry

58. _____ the ceremony was held outdoors.

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

59. The _____ for the conference was impressive and professional.

n. the arrangement or organization of something, often with a specific purpose or intention; a scheme or plan that is intended to deceive or trick someone

60. We hiked to the top of the hill for a _____ view of the city below.

adj. relating to an unobstructed and wide view of an extensive area; all-encompassing

61. During colonial eras, new migratory patterns _____.

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

62. The surgeon made an incision in the _____ of the patient's heart.

n. a large room used for a formal, public, or particular purpose; one of the parts of a parliament

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

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

64. My home is easily _____ from the shore.

adj. capable of being seen; or open to easy view

65. The garden was filled with _____ and needed to be tilled before planting.

n. soil, dust, or any substance that makes a surface not clean; the part of the earth's surface consisting of humus and disintegrated rock

ANSWERS: 57. crazy, 58. Traditionally, 59. setup, 60. panoramic, 61. emerged, 62. chambers, 63. invite, 64. visible, 65. dirt

66. Doctors used _____ imaging to create a 3D model of the patient's brain.
- n.* a 3D pixel (= a small but volumetric unit) in a three-dimensional space defined by x-, y-, and z- coordinates; a digital image element representing a tiny cube in a 3D picture, with its color and brightness determined by the values assigned to the voxels in its vicinity
67. The product developed through years of research continues to _____ the market.
- v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
68. His swear words cast a _____ on the party.
- n.* a feeling of coldness that makes one shiver; (verb) to make cool or cooler
69. Eventually, the new design will _____ all older models.
- v.* to take the place of something
70. The company is trying to _____ its business model to stay competitive.
- v.* to imagine or conceive of something in a new or different way
71. Competition between countries resulted in fast technological _____.
- n.* the development, improvement, or progress of something
72. The economic stimulation program would _____ a lot of new jobs.
- v.* to produce or create something; to make offspring by reproduction
73. There are _____ differences between the two wine-producing regions.
- adj.* easy to see, discover or understand

ANSWERS: 66. voxel-based, 67. electrify, 68. chill, 69. replace, 70. reimagine, 71. advancement, 72. generate, 73. obvious

74. This container has a _____ of 10 cubic meters.
n. the amount of space occupied by an object or substance; the magnitude of sound
75. He left his wife an _____ fortune.
adj. extremely large or great
76. Human _____ responses vary widely depending on the society to which they belong.
adj. relating to people's feelings
77. 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
78. On three sides, mountains _____ the settlement.
v. to be all around something or somebody
79. The history of _____ dates back to the late 19th century when motion pictures were first shown to audiences.
n. the process or art of making movies
80. The engine wouldn't turn over until we applied _____ to the starter.
n. a thick, oily substance used to lubricate machines, surfaces, or moving parts; fat or oil used in cooking
81. The plane's _____ system had problems, which mechanics found.
n. the act of directing a ship or airplane from place to place; advice or information intended to resolve a problem or challenge, especially as given by someone in authority

ANSWERS: 74. volume, 75. immense, 76. emotional, 77. depth, 78. surround, 79. filmmaking, 80. grease, 81. navigation

82. The robot can accurately _____ construction material.
v. to specify or determine the exact position of someone or something
83. Their innovative concepts were consistent across their bodies of _____.
n. the different parts of something's elements or ingredients; the way in which the different components are organized; a piece of music written by someone
84. The _____ mountains make the city difficult to be invaded.
adj. that is near or around, or closely encircling something
85. She works at a recording _____ in Los Angeles.
n. a room or building where creative or artistic work is produced; a television or radio production company
86. Truth is stranger than _____.
n. the type of book or story, especially novels, that describes imaginary events and people; anything made up or imagined that is not true
87. 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
88. The jury must _____ a decision on this complex case.
v. to bring someone or something into a particular state; to provide something such as service, help, etc.
89. The football team had a _____ season and went undefeated all year.
adj. without any imperfections or errors; perfect or impeccable in appearance or performance

ANSWERS: 82. locate, 83. composition, 84. surrounding, 85. studio, 86. fiction, 87. photograph, 88. render, 89. flawless

90. _____ a number by itself twice.

v. to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity

91. She was skilled in _____ techniques, such as using different voices for other characters.

n. the act or art of narrating or writing stories

ANSWERS: 90. Multiply, 91. storytelling