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Vocabulary Builder Reference from...

Antonio Damasio: The quest to understand consciousness | TED Talk

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

Advanced Words Only

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Session 1: Word List

transcendent

adj. going beyond the limits of ordinary experience or knowledge; surpassing the usual or expected; exalted or sublime

synonym: beyond human experience, divine, spiritual

(1) **transcendent** wisdom, (2) **transcendent** joy

The **transcendent** beauty of the Grand Canyon took his breath away.

elucidate

v. to make clear, to explain thoroughly, to clarify or shed light on a concept, situation, or statement

synonym: clarify, explain, expound

(1) **elucidate** the entire incident, (2) **elucidate** phenomena

The teacher needed to **elucidate** the complex math problem before the students could solve it.

neuroscience

n. the scientific study of the function, structure, and disorder of the brain and the nervous system

(1) the branch of **neuroscience**, (2) a theoretical concept in **neuroscience**

Our university is famous for its professors, who are well-versed in behavioral **neuroscience**.

autopsy

n. a medical examination performed on a dead body to determine the cause of death or identify any underlying medical conditions or injuries; a postmortem examination or necropsy (in animals)

synonym : postmortem examination, necropsy, examination

(1) forensic **autopsy**, (2) perform an **autopsy**

The **autopsy** report revealed that the cause of death was a heart attack.

amaze

v. to fill with wonder, surprise, or admiration

synonym : astound, surprise, stagger

(1) **amaze** and entertain visitors, (2) **amaze** everyone

The magician's tricks **amazed** the audience.

axon

n. a long and slender projection of a nerve cell, or neuron, that sends out signals away from the nerve cell

(1) an **axon** of a nerve cell, (2) the **axon** terminals

We are developing a technology to promote the elongation and regeneration of sensory nerve **axons**.

synapse

n. the fact or state of failing to finish an activity and of stopping using, making, or doing it

(1) **synapse** circuit, (2) end at a **synapse**

Animals transmit nerve impulses through **synapses**.

disappoint

v. to fail to meet someone or their hopes or expectations; to make someone feel sad

synonym : sadden, dismay, frustrate

(1) **disappoint** the audience, (2) don't **disappoint** me

She worked very hard not to **disappoint** her boss's expectations.

anesthesia

n. a state of controlled, temporary loss of bodily sensation or awareness that is induced for medical purposes

(1) **anesthesia** for surgery, (2) local **anesthesia**

He is in general **anesthesia** under the surgeon.

dreamless

adj. without dreams or dreaming; not characterized by or associated with dreams

synonym : unconscious, comatose, unaware

(1) child in **dreamless** slumber, (2) **dreamless** nights

After a long day of work, he fell into a deep, **dreamless** sleep.

auditory

adj. of or relating to hearing or the ability to hear

synonym : hearing, audible, aural

(1) a good **auditory** memory, (2) **auditory** system

The **auditory** nerve carries sound signals from the ear to the brain.

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.

neuron

n. a cell that is specialized to carry information within the brain and between the brain and other parts of the body

synonym : nerve cell

(1) excite the **neurons**, (2) **neuron** cell body

Our body transfers information along each **neuron** using an electrical impulse.

billboard

n. a large outdoor sign or display that is used for advertising, marketing, or public information, typically located along highways or main roads

synonym : hoarding, signboard, advertisement

(1) **billboard** advertising, (2) digital **billboard**

The new **billboard** on the highway promotes a popular vacation destination.

palpate

v. to examine or explore a person's body, typically by touching or feeling with the hands, to assess their

physical condition or detect abnormalities

synonym : examine, touch, feel

(1) **palpate** the pulse, (2) **palpate** a swollen lymph node

The doctor **palpated** the patient's abdomen to check for any abnormalities.

topographical

adj. relating to the arrangement or physical features of a geographical area or terrain; relating to the detailed description or mapping of the physical features of a location

synonym : terrain, geographic, landform

(1) **topographical** data, (2) **topographical** survey

The **topographical** map of the region revealed the rugged terrain we would face on the hike.

perpendicular

adj. forming, situated at, or being at a right angle to a given line or plane; upright or vertical; at right angles to the horizon

synonym : vertical, upright, standing

(1) **perpendicular** angles, (2) **perpendicular** walls

The two lines were perfectly **perpendicular** to each other.

warp

v. to twist or bend out of shape, especially as a result of being heated; to distort or twist the meaning or sense of something

synonym : twist, distort, deform

(1) **warp** under pressure, (2) become **warped**

The ship's hull was **warped** from years of use in rough seas.

ophthalmology

n. the branch of medicine that deals with the anatomy, physiology, and diseases of the eye

synonym : eye care, optometry, eye medicine

(1) **ophthalmology** practice, (2) **ophthalmology** clinic

My grandfather had a problem with his eyes and went to an **ophthalmology** specialist.

retina

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

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

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

symmetrical

adj. having similarity in size, shape, and relative position of corresponding parts

synonym: harmonious, balanced, proportional

(1) **symmetrical** triangle, (2) **symmetrical** pattern

This figure is **symmetrical** about the x-axis.

fovea

n. a small, central area of the retina of the eye that has the highest concentration of photoreceptor cells and is responsible for seeing fine detail and color

synonym: centralis, macula, pit

(1) **fovea** superior, (2) **fovea** centralis

Some disorders, such as macular degeneration, can affect the function of the **fovea**.

cyst

n. a sac, cavity, or abnormal growth in the body that is typically filled with fluid or semisolid material; usually benign but can also be cancerous and require treatment

synonym: abscess, sac, lump

(1) **cyst** removal, (2) ovarian **cyst**

The patient was sent for an X-ray to determine the cause of the **cyst** in her abdomen.

eyeball

n. the round part of the eye of a vertebrate that is usually inside the head and, therefore, cannot be seen

(1) **eyeball** motion, (2) redness of the **eyeball**

Increased **eyeball** pressure leads to the development of glaucoma.

diminish

v. to reduce or be reduced in size, extent, or importance; to make something smaller, weaker, etc.

synonym: decline, dwindle, lessen

(1) **diminish** a reputation, (2) **diminish** swelling
As people get old, their energies may **diminish**.

elusive

adj. difficult to find, define, achieve, or remember
synonym: mysterious, ambiguous, inapproachable

(1) an **elusive** criminal, (2) track down an **elusive** fact
The physicist who found the **elusive** particle won the Nobel Prize.

deviate

v. to depart from an established course or plan; to change direction or take a different route or approach

synonym: stray, diverge, veer

(1) **deviate** from the norm, (2) **deviate** from the plan
It's important not to **deviate** from the established safety procedures.

milieu

n. the social, cultural, or environmental setting in which a person lives or operates; surroundings or context

synonym: environment, surroundings, setting

(1) new urban **milieu**, (2) political **milieu**
The city's diverse cultural **milieu** contributes to its unique charm.

midline

n. an imaginary line that divides something, such as a shape, object, or body, into two equal or symmetrical halves

synonym: centerline, median, halfway point

(1) **midline** incision, (2) **midline** herniation
The **midline** of a rectangle divides it into two halves.

coma

n. a state of prolonged unconsciousness, typically caused by severe injury or illness, during which a person is unresponsive and lacks awareness of their surroundings

synonym: unconsciousness, stupor, sleep

(1) medical **coma**, (2) medically-induced **coma**
Unfortunately, the accident left him in a deep **coma**.

vegetative

adj. composed of or relating to the division of nature comprising the plant; alive but losing brain functioning and having only involuntary bodily functioning

synonym : herbal, monotonous

(1) a dull **vegetative** lifestyle, (2) the **vegetative** world

He was in what was described as a **vegetative** state.

sect

n. a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream

synonym : group, faction, cult

(1) **sect** beliefs, (2) secret **sect**

The minority **sect** believed in a set of unconventional religious practices.

paralysis

n. a condition in which you are unable to move or lose control of part or most of the body because of illness or injury

synonym : immobility, stiffness, palsy

(1) moral **paralysis**, (2) **paralysis** in the leg

Massive demonstrations lead to total **paralysis** of transportation.

horrific

adj. causing horror or disgust; gruesome and terrifying

synonym : terrifying, alarming, shocking

(1) **horrific** experience, (2) **horrific** condition

The accident scene was **horrific**, with bodies and debris scattered everywhere.

imprison

v. to confine a person to a prison, a detention facility, or a place of involuntary confinement

synonym : incarcerate, detain, confine

(1) **imprison** illegal immigrant, (2) **imprison** myself within the room

He was **imprisoned** for embezzlement.

frightening

adj. causing fear or alarm, or very surprising and alarming
synonym : scary, terrifying, alarming

(1) cast **frightening** eyes, (2) **frightening** experience

The news of the pandemic was a **frightening** reminder of the fragility of human health.

topography

n. the arrangement and physical features of a particular area or region, including its natural and artificial elements and their relative positions and elevations; the study or description of this arrangement and these features

synonym : terrain, landscape, geography

(1) **topography** map, (2) detailed **topography**

The **topography** of the region is rugged, with many hills and valleys.

interconnect

v. to connect similar things

synonym : interlink, connect, annex

(1) directly **interconnect** with those systems, (2) human activities **interconnect** with the environment

Our system can now **interconnect** with other databases.

recursion

n. the process of repeating or looping through a set of instructions or functions within another function, often used in programming and computer science

synonym : iteration, looping, repetition

(1) **recursion** depth, (2) **recursion** limit

The team encountered an infinite **recursion** error in their code, causing the program to crash.

primordial

adj. existing from the beginning of time or the start of a particular process; relating to the earliest stage of the universe

synonym : ancient, original, primary

(1) **primordial** forms of life, (2) **primordial** gas

The discovery of the **primordial** soup was a crucial step in understanding the origins of life on Earth.

spectacle

n. something or someone seen, especially a notable or unusual sight; an optical device consisting of a frame that houses a pair of lenses for correcting defective vision

synonym: marvel, sensation, phenomenon

(1) pretty **spectacle**, (2) **spectacle** lens

She could not help watching the sad **spectacle**.

profusion

n. abundance; a large quantity or number of something

synonym: abundance, excess, plenty

(1) **profusion** of ideas, (2) **profusion** of wildlife

The garden was filled with a **profusion** of colorful flowers and plants.

vertebrate

adj. relating to animals that have a backbone or spinal column, such as mammals, birds, reptiles, amphibians, and fish

synonym: animal, chordate, backboned

(1) the muscle tissue of a **vertebrate**, (2) **vertebrate** biology

The presence of a backbone is a defining characteristic of **vertebrate** animals.

autobiographical

adj. relating to or based on the experiences, thoughts, or life story of oneself; about one's own life history or personal narrative

synonym: self-written, self-told, personal

(1) **autobiographical** narrative, (2) **autobiographical** memory

The author wrote an **autobiographical** novel about growing up in a small town.

primate

n. any mammal of the order Primates, which includes monkeys, apes, and humans

synonym: ape, monkey, lemur

(1) **primate** species, (2) **primate** sanctuary

Many scientists study **primate** behavior and intelligence.

sociocultural

adj. relating to or influenced by the social and cultural factors of a society or group, particularly in relation to its customs, beliefs, values, and practices

synonym : cultural, social, anthropological

(1) **sociocultural** factors, (2) **sociocultural** identity

The university's **sociocultural** programs aim to promote diversity and understanding among students.

humming

adj. producing a continuous, low, vibrating sound like that of the bee

synonym : buzzing, droning, vibrating

(1) **humming** sound, (2) **humming** bird

The **humming** of the bees filled the air as she walked through the garden.

medicinal

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

synonym : curative, therapeutic, healing

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

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

Alzheimer

n. a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults

synonym : dementia, memory loss, cognitive decline

(1) **Alzheimer's** brain, (2) **Alzheimer's** risk factors

My grandmother has **Alzheimer's** disease requires special care and attention from her caregivers.

devastate

v. to wreck a place or an area or cause significant damage

synonym : demolish, destroy, crush

(1) **devastate** an area, (2) **devastate** the economy

Earthquakes can also trigger tsunamis, which **devastate** coastal areas.

serendipity

n. the occurrence and development of events by chance in a happy or beneficial way; a fortunate accident or

discovery

synonym : luck, chance, fortune

(1) **serendipity** moment, (2) **serendipity** discovery

The discovery of penicillin was a result of **serendipity**.

Session 2: Spelling

1. re___a scanner *n.* the innermost light-sensitive membrane covering the back wall of the eyeball
2. Al_____er's brain *n.* a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults
3. mi_____e incision *n.* an imaginary line that divides something, such as a shape, object, or body, into two equal or symmetrical halves
4. traditional me_____al *adj.* of or relating to the treatment or cure of disease
5. top_____hy map *n.* the arrangement and physical features of a particular area or region, including its natural and artificial elements and their relative positions and elevations; the study or description of this arrangement and these features
6. re___al cells *n.* the innermost light-sensitive membrane covering the back wall of the eyeball
7. pretty sp_____le *n.* something or someone seen, especially a notable or unusual sight; an optical device consisting of a frame that houses a pair of lenses for correcting defective vision
8. oph_____ogy clinic *n.* the branch of medicine that deals with the anatomy, physiology, and diseases of the eye

ANSWERS: 1. retina, 2. Alzheimer, 3. midline, 4. medicinal, 5. topography, 6. retina, 7. spectacle, 8. ophthalmology

9. fo__a centralis *n.* a small, central area of the retina of the eye that has the highest concentration of photoreceptor cells and is responsible for seeing fine detail and color
10. me_____al chemistry *adj.* of or relating to the treatment or cure of disease
11. dr_____ss nights *adj.* without dreams or dreaming; not characterized by or associated with dreams
12. di_____sh swelling *v.* to reduce or be reduced in size, extent, or importance; to make something smaller, weaker, etc.
13. soc_____ral identity *adj.* relating to or influenced by the social and cultural factors of a society or group, particularly in relation to its customs, beliefs, values, and practices
14. aut_____cal narrative *adj.* relating to or based on the experiences, thoughts, or life story of oneself; about one's own life history or personal narrative
15. the a__n terminals *n.* a long and slender projection of a nerve cell, or neuron, that sends out signals away from the nerve cell
16. end at a sy_____e *n.* the fact or state of failing to finish an activity and of stopping using, making, or doing it
17. top_____cal survey *adj.* relating to the arrangement or physical features of a geographical area or terrain; relating to the detailed description or mapping of the physical features of a location

ANSWERS: 9. fovea, 10. medicinal, 11. dreamless, 12. diminish, 13. sociocultural, 14. autobiographical, 15. axon, 16. synapse, 17. topographical

18. the branch of neu_____nce *n.* the scientific study of the function, structure, and disorder of the brain and the nervous system
19. el_____te phenomena *v.* to make clear, to explain thoroughly, to clarify or shed light on a concept, situation, or statement
20. im_____on myself within the room *v.* to confine a person to a prison, a detention facility, or a place of involuntary confinement
21. dis_____nt the audience *v.* to fail to meet someone or their hopes or expectations; to make someone feel sad
22. fo__a superior *n.* a small, central area of the retina of the eye that has the highest concentration of photoreceptor cells and is responsible for seeing fine detail and color
23. pa_____e a swollen lymph node *v.* to examine or explore a person's body, typically by touching or feeling with the hands, to assess their physical condition or detect abnormalities
24. c__t removal *n.* a sac, cavity, or abnormal growth in the body that is typically filled with fluid or semisolid material; usually benign but can also be cancerous and require treatment
25. medical c__a *n.* a state of prolonged unconsciousness, typically caused by severe injury or illness, during which a person is unresponsive and lacks awareness of their surroundings

ANSWERS: 18. neuroscience, 19. elucidate, 20. imprison, 21. disappoint, 22. fovea, 23. palpate, 24. cyst, 25. coma

26. an a__n of a nerve cell *n.* a long and slender projection of a nerve cell, or neuron, that sends out signals away from the nerve cell
27. a good au____ry memory *adj.* of or relating to hearing or the ability to hear
28. soc_____ral factors *adj.* relating to or influenced by the social and cultural factors of a society or group, particularly in relation to its customs, beliefs, values, and practices
29. el_____te the entire incident *v.* to make clear, to explain thoroughly, to clarify or shed light on a concept, situation, or statement
30. moral pa_____is *n.* a condition in which you are unable to move or lose control of part or most of the body because of illness or injury
31. perform an au_____y *n.* a medical examination performed on a dead body to determine the cause of death or identify any underlying medical conditions or injuries; a postmortem examination or necropsy (in animals)
32. detailed top_____hy *n.* the arrangement and physical features of a particular area or region, including its natural and artificial elements and their relative positions and elevations; the study or description of this arrangement and these features
33. pr_____e sanctuary *n.* any mammal of the order Primates, which includes monkeys, apes, and humans
34. digital bi_____rd *n.* a large outdoor sign or display that is used for advertising, marketing, or public information, typically located along highways or main roads

ANSWERS: 26. axon, 27. auditory, 28. sociocultural, 29. elucidate, 30. paralysis, 31. autopsy, 32. topography, 33. primate, 34. billboard

35. sy____e circuit *n.* the fact or state of failing to finish an activity and of stopping using, making, or doing it
36. de_____te the economy *v.* to wreck a place or an area or cause significant damage
37. ey_____l motion *n.* the round part of the eye of a vertebrate that is usually inside the head and, therefore, cannot be seen
38. sym_____al triangle *adj.* having similarity in size, shape, and relative position of corresponding parts
39. redness of the ey_____l *n.* the round part of the eye of a vertebrate that is usually inside the head and, therefore, cannot be seen
40. medically-induced c__a *n.* a state of prolonged unconsciousness, typically caused by severe injury or illness, during which a person is unresponsive and lacks awareness of their surroundings
41. de_____te an area *v.* to wreck a place or an area or cause significant damage
42. excite the ne____ns *n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body
43. pri_____al gas *adj.* existing from the beginning of time or the start of a particular process; relating to the earliest stage of the universe
44. pr_____on of wildlife *n.* abundance; a large quantity or number of something

ANSWERS: 35. synapse, 36. devastate, 37. eyeball, 38. symmetrical, 39. eyeball, 40. coma, 41. devastate, 42. neuron, 43. primordial, 44. profusion

45. human activities int_____ect with the environment *v.* to connect similar things
46. ser_____ty discovery *n.* the occurrence and development of events by chance in a happy or beneficial way; a fortunate accident or discovery
47. s__t beliefs *n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
48. hu_____g sound *adj.* producing a continuous, low, vibrating sound like that of the bee
49. per_____lar walls *adj.* forming, situated at, or being at a right angle to a given line or plane; upright or vertical; at right angles to the horizon
50. top_____cal data *adj.* relating to the arrangement or physical features of a geographical area or terrain; relating to the detailed description or mapping of the physical features of a location
51. become w__ped *v.* to twist or bend out of shape, especially as a result of being heated; to distort or twist the meaning or sense of something
52. im_____on illegal immigrant *v.* to confine a person to a prison, a detention facility, or a place of involuntary confinement
53. an el_____e criminal *adj.* difficult to find, define, achieve, or remember

ANSWERS: 45. interconnect, 46. serendipity, 47. sect, 48. humming, 49. perpendicular, 50. topographical, 51. warp, 52. imprison, 53. elusive

54. sym_____al pattern *adj.* having similarity in size, shape, and relative position of corresponding parts
55. the veg_____ve world *adj.* composed of or relating to the division of nature comprising the plant; alive but losing brain functioning and having only involuntary bodily functioning
56. w__p under pressure *v.* to twist or bend out of shape, especially as a result of being heated; to distort or twist the meaning or sense of something
57. pa_____e the pulse *v.* to examine or explore a person's body, typically by touching or feeling with the hands, to assess their physical condition or detect abnormalities
58. ho_____ic condition *adj.* causing horror or disgust; gruesome and terrifying
59. am__e and entertain visitors *v.* to fill with wonder, surprise, or admiration
60. oph_____ogy practice *n.* the branch of medicine that deals with the anatomy, physiology, and diseases of the eye
61. hu_____g bird *adj.* producing a continuous, low, vibrating sound like that of the bee
62. bi_____rd advertising *n.* a large outdoor sign or display that is used for advertising, marketing, or public information, typically located along highways or main roads
63. pri_____al forms of life *adj.* existing from the beginning of time or the start of a particular process; relating to the earliest stage of the universe

ANSWERS: 54. symmetrical, 55. vegetative, 56. warp, 57. palpate, 58. horrific, 59. amaze, 60. ophthalmology, 61. humming, 62. billboard, 63. primordial

64. tra_____ent joy *adj.* going beyond the limits of ordinary experience or knowledge; surpassing the usual or expected; exalted or sublime
65. cast fri_____ng eyes *adj.* causing fear or alarm, or very surprising and alarming
66. the muscle tissue of a ver_____te *adj.* relating to animals that have a backbone or spinal column, such as mammals, birds, reptiles, amphibians, and fish
67. pa_____is in the leg *n.* a condition in which you are unable to move or lose control of part or most of the body because of illness or injury
68. per_____lar angles *adj.* forming, situated at, or being at a right angle to a given line or plane; upright or vertical; at right angles to the horizon
69. mi_____e herniation *n.* an imaginary line that divides something, such as a shape, object, or body, into two equal or symmetrical halves
70. re_____on depth *n.* the process of repeating or looping through a set of instructions or functions within another function, often used in programming and computer science
71. ne____n cell body *n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body
72. ta_____e stimulation *adj.* relating to the sense of touch; tangible or perceptible through the sense of touch

ANSWERS: 64. transcendent, 65. frightening, 66. vertebrate, 67. paralysis, 68. perpendicular, 69. midline, 70. recursion, 71. neuron, 72. tactile

73. don't dis_____nt me *v.* to fail to meet someone or their hopes or expectations; to make someone feel sad
74. am__e everyone *v.* to fill with wonder, surprise, or admiration
75. forensic au_____y *n.* a medical examination performed on a dead body to determine the cause of death or identify any underlying medical conditions or injuries; a postmortem examination or necropsy (in animals)
76. secret s__t *n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
77. ta_____e feedback *adj.* relating to the sense of touch; tangible or perceptible through the sense of touch
78. pr_____on of ideas *n.* abundance; a large quantity or number of something
79. ane_____ia for surgery *n.* a state of controlled, temporary loss of bodily sensation or awareness that is induced for medical purposes
80. Al_____er's risk factors *n.* a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults
81. di_____sh a reputation *v.* to reduce or be reduced in size, extent, or importance; to make something smaller, weaker, etc.

ANSWERS: 73. disappoint, 74. amaze, 75. autopsy, 76. sect, 77. tactile, 78. profusion, 79. anesthesia, 80. Alzheimer, 81. diminish

82. ver_____te biology *adj.* relating to animals that have a backbone or spinal column, such as mammals, birds, reptiles, amphibians, and fish
83. child in dr_____ss slumber *adj.* without dreams or dreaming; not characterized by or associated with dreams
84. a theoretical concept in neu_____nce *n.* the scientific study of the function, structure, and disorder of the brain and the nervous system
85. local ane_____ia *n.* a state of controlled, temporary loss of bodily sensation or awareness that is induced for medical purposes
86. track down an el_____e fact *adj.* difficult to find, define, achieve, or remember
87. re_____on limit *n.* the process of repeating or looping through a set of instructions or functions within another function, often used in programming and computer science
88. ovarian c__t *n.* a sac, cavity, or abnormal growth in the body that is typically filled with fluid or semisolid material; usually benign but can also be cancerous and require treatment
89. ho_____ic experience *adj.* causing horror or disgust; gruesome and terrifying
90. a dull veg_____ve lifestyle *adj.* composed of or relating to the division of nature comprising the plant; alive but losing brain functioning and having only involuntary bodily functioning

ANSWERS: 82. vertebrate, 83. dreamless, 84. neuroscience, 85. anesthesia, 86. elusive, 87. recursion, 88. cyst, 89. horrific, 90. vegetative

91. fri_____ng experience *adj.* causing fear or alarm, or very surprising and alarming
92. de_____e from the plan *v.* to depart from an established course or plan; to change direction or take a different route or approach
93. au_____ry system *adj.* of or relating to hearing or the ability to hear
94. political mi____u *n.* the social, cultural, or environmental setting in which a person lives or operates; surroundings or context
95. pr_____e species *n.* any mammal of the order Primates, which includes monkeys, apes, and humans
96. tra_____ent wisdom *adj.* going beyond the limits of ordinary experience or knowledge; surpassing the usual or expected; exalted or sublime
97. sp_____le lens *n.* something or someone seen, especially a notable or unusual sight; an optical device consisting of a frame that houses a pair of lenses for correcting defective vision
98. directly int_____ect with those systems *v.* to connect similar things
99. de_____e from the norm *v.* to depart from an established course or plan; to change direction or take a different route or approach
100. ser_____ty moment *n.* the occurrence and development of events by chance in a happy or beneficial way; a fortunate accident or discovery

ANSWERS: 91. frightening, 92. deviate, 93. auditory, 94. milieu, 95. primate, 96. transcendent, 97. spectacle, 98. interconnect, 99. deviate, 100. serendipity

101. new urban mi___u

n. the social, cultural, or environmental setting in which a person lives or operates; surroundings or context

102. aut_____cal memory

adj. relating to or based on the experiences, thoughts, or life story of oneself; about one's own life history or personal narrative

ANSWERS: 101. milieu, 102. autobiographical

Session 3: Fill in the Blanks

1. The doctor _____ the patient's abdomen to check for any abnormalities.
 - v. to examine or explore a person's body, typically by touching or feeling with the hands, to assess their physical condition or detect abnormalities

2. Our university is famous for its professors, who are well-versed in behavioral _____.
 - n. the scientific study of the function, structure, and disorder of the brain and the nervous system

3. Some disorders, such as macular degeneration, can affect the function of the _____.
 - n. a small, central area of the retina of the eye that has the highest concentration of photoreceptor cells and is responsible for seeing fine detail and color

4. The patient was sent for an X-ray to determine the cause of the _____ in her abdomen.
 - n. a sac, cavity, or abnormal growth in the body that is typically filled with fluid or semisolid material; usually benign but can also be cancerous and require treatment

5. The _____ report revealed that the cause of death was a heart attack.
 - n. a medical examination performed on a dead body to determine the cause of death or identify any underlying medical conditions or injuries; a postmortem examination or necropsy (in animals)

6. The ship's hull was _____ from years of use in rough seas.
 - v. to twist or bend out of shape, especially as a result of being heated; to distort or twist the meaning or sense of something

ANSWERS: 1. palpated, 2. neuroscience, 3. fovea, 4. cyst, 5. autopsy, 6. warped

7. Unfortunately, the accident left him in a deep _____.
n. a state of prolonged unconsciousness, typically caused by severe injury or illness, during which a person is unresponsive and lacks awareness of their surroundings
8. The magician's tricks _____ the audience.
v. to fill with wonder, surprise, or admiration
9. The _____ properties of this herb have been known to help with various ailments.
adj. of or relating to the treatment or cure of disease
10. Earthquakes can also trigger tsunamis, which _____ coastal areas.
v. to wreck a place or an area or cause significant damage
11. She worked very hard not to _____ her boss's expectations.
v. to fail to meet someone or their hopes or expectations; to make someone feel sad
12. The team encountered an infinite _____ error in their code, causing the program to crash.
n. the process of repeating or looping through a set of instructions or functions within another function, often used in programming and computer science
13. The discovery of penicillin was a result of _____.
n. the occurrence and development of events by chance in a happy or beneficial way; a fortunate accident or discovery
14. The new _____ on the highway promotes a popular vacation destination.
n. a large outdoor sign or display that is used for advertising, marketing, or public information, typically located along highways or main roads

ANSWERS: 7. coma, 8. amazed, 9. medicinal, 10. devastate, 11. disappoint, 12. recursion, 13. serendipity, 14. billboard

15. The _____ of the bees filled the air as she walked through the garden.

adj. producing a continuous, low, vibrating sound like that of the bee

16. The university's _____ programs aim to promote diversity and understanding among students.

adj. relating to or influenced by the social and cultural factors of a society or group, particularly in relation to its customs, beliefs, values, and practices

17. He was _____ for embezzlement.

v. to confine a person to a prison, a detention facility, or a place of involuntary confinement

18. The minority _____ believed in a set of unconventional religious practices.

n. a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream

19. The presence of a backbone is a defining characteristic of _____ animals.

adj. relating to animals that have a backbone or spinal column, such as mammals, birds, reptiles, amphibians, and fish

20. The two lines were perfectly _____ to each other.

adj. forming, situated at, or being at a right angle to a given line or plane; upright or vertical; at right angles to the horizon

21. The author wrote an _____ novel about growing up in a small town.

adj. relating to or based on the experiences, thoughts, or life story of oneself; about one's own life history or personal narrative

22. The _____ nerve carries sound signals from the ear to the brain.

adj. of or relating to hearing or the ability to hear

ANSWERS: 15. humming, 16. sociocultural, 17. imprisoned, 18. sect, 19. vertebrate, 20. perpendicular, 21. autobiographical, 22. auditory

23. The city's diverse cultural _____ contributes to its unique charm.
n. the social, cultural, or environmental setting in which a person lives or operates; surroundings or context
24. The physicist who found the _____ particle won the Nobel Prize.
adj. difficult to find, define, achieve, or remember
25. My grandmother has _____ disease requires special care and attention from her caregivers.
n. a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults
26. Our body transfers information along each _____ using an electrical impulse.
n. a cell that is specialized to carry information within the brain and between the brain and other parts of the body
27. He is in general _____ under the surgeon.
n. a state of controlled, temporary loss of bodily sensation or awareness that is induced for medical purposes
28. Damage to the _____ may play a role in the development of glaucoma.
n. the innermost light-sensitive membrane covering the back wall of the eyeball
29. My grandfather had a problem with his eyes and went to an _____ specialist.
n. the branch of medicine that deals with the anatomy, physiology, and diseases of the eye
30. Animals transmit nerve impulses through _____.
n. the fact or state of failing to finish an activity and of stopping using, making, or doing it

ANSWERS: 23. milieu, 24. elusive, 25. Alzheimer's, 26. neuron, 27. anesthesia, 28. retina, 29. ophthalmology, 30. synapses

31. Many scientists study _____ behavior and intelligence.
n. any mammal of the order Primates, which includes monkeys, apes, and humans
32. We are developing a technology to promote the elongation and regeneration of sensory nerve _____.
n. a long and slender projection of a nerve cell, or neuron, that sends out signals away from the nerve cell
33. After a long day of work, he fell into a deep, _____ sleep.
adj. without dreams or dreaming; not characterized by or associated with dreams
34. The garden was filled with a _____ of colorful flowers and plants.
n. abundance; a large quantity or number of something
35. The _____ map of the region revealed the rugged terrain we would face on the hike.
adj. relating to the arrangement or physical features of a geographical area or terrain; relating to the detailed description or mapping of the physical features of a location
36. The _____ of a rectangle divides it into two halves.
n. an imaginary line that divides something, such as a shape, object, or body, into two equal or symmetrical halves
37. He was in what was described as a _____ state.
adj. composed of or relating to the division of nature comprising the plant; alive but losing brain functioning and having only involuntary bodily functioning
38. Massive demonstrations lead to total _____ of transportation.
n. a condition in which you are unable to move or lose control of part or most of the body because of illness or injury

ANSWERS: 31. primate, 32. axons, 33. dreamless, 34. profusion, 35. topographical, 36. midline, 37. vegetative, 38. paralysis

39. She could not help watching the sad _____.
- n.* something or someone seen, especially a notable or unusual sight; an optical device consisting of a frame that houses a pair of lenses for correcting defective vision
40. Our system can now _____ with other databases.
- v.* to connect similar things
41. The news of the pandemic was a _____ reminder of the fragility of human health.
- adj.* causing fear or alarm, or very surprising and alarming
42. 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
43. The teacher needed to _____ the complex math problem before the students could solve it.
- v.* to make clear, to explain thoroughly, to clarify or shed light on a concept, situation, or statement
44. The accident scene was _____ with bodies and debris scattered everywhere.
- adj.* causing horror or disgust; gruesome and terrifying
45. The _____ beauty of the Grand Canyon took his breath away.
- adj.* going beyond the limits of ordinary experience or knowledge; surpassing the usual or expected; exalted or sublime
46. This figure is _____ about the x-axis.
- adj.* having similarity in size, shape, and relative position of corresponding parts

ANSWERS: 39. spectacle, 40. interconnect, 41. frightening, 42. tactile, 43. elucidate, 44. horrific, 45. transcendent, 46. symmetrical

47. As people get old, their energies may _____.
- v.* to reduce or be reduced in size, extent, or importance; to make something smaller, weaker, etc.
48. The discovery of the _____ soup was a crucial step in understanding the origins of life on Earth.
- adj.* existing from the beginning of time or the start of a particular process; relating to the earliest stage of the universe
49. Increased _____ pressure leads to the development of glaucoma.
- n.* the round part of the eye of a vertebrate that is usually inside the head and, therefore, cannot be seen
50. The _____ of the region is rugged, with many hills and valleys.
- n.* the arrangement and physical features of a particular area or region, including its natural and artificial elements and their relative positions and elevations; the study or description of this arrangement and these features
51. It's important not to _____ from the established safety procedures.
- v.* to depart from an established course or plan; to change direction or take a different route or approach

ANSWERS: 47. diminish, 48. primordial, 49. eyeball, 50. topography, 51. deviate